S
338.1
A7m
1990

MONTANA

AGRICULTURAL STATISTICS 1990

COUNTY STATISTICS 1988-1989

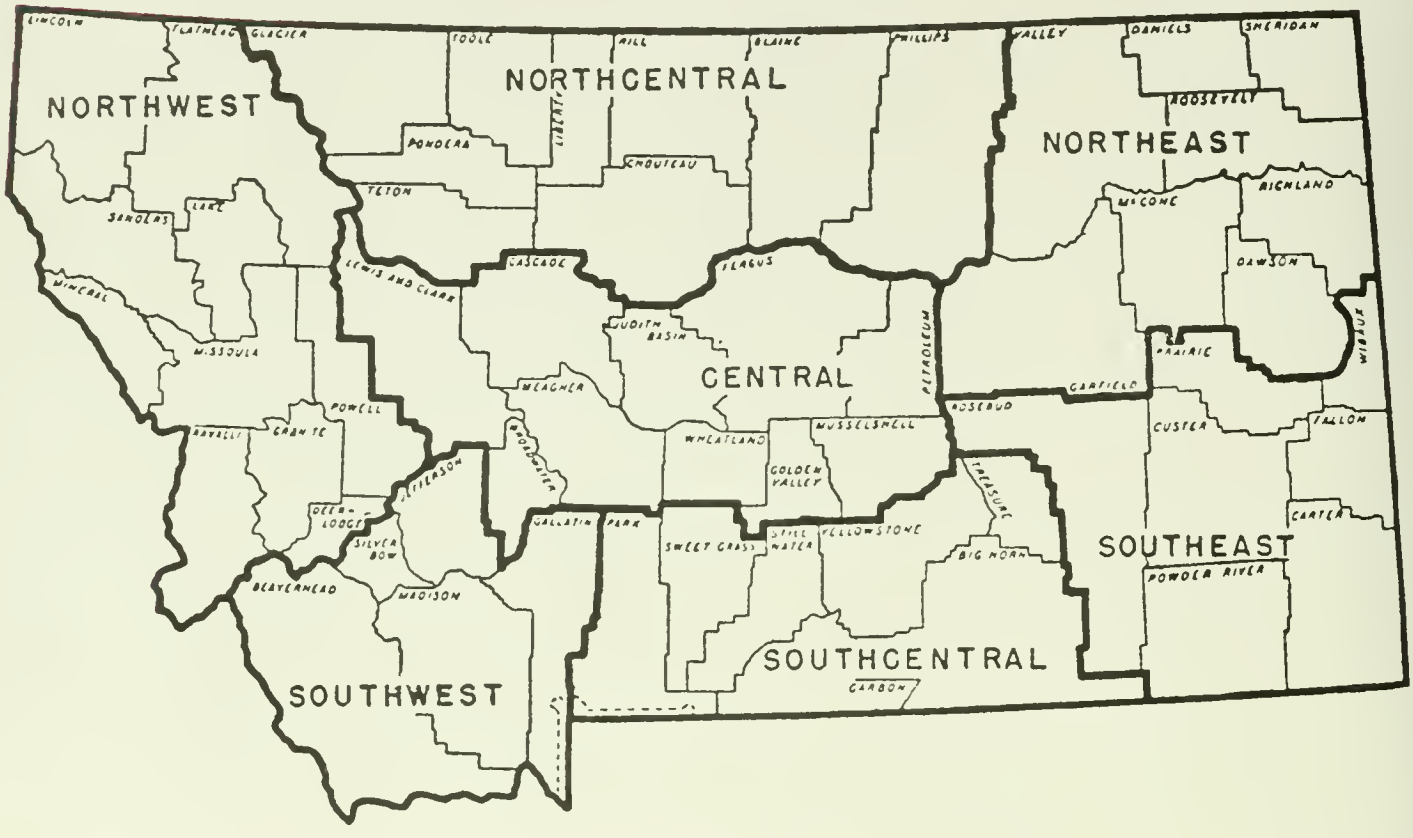
MAY 8 1991

DEC 1 8 1991

Montana State Library

3 0864 1004 7793 7

MONTANA AGRICULTURAL STATISTICS DISTRICTS



ACKNOWLEDGEMENTS

We sincerely appreciate the following contributions to this year's bulletin:

MONTANA FARMER-STOCKMAN MAGAZINE for front cover and State Seal color separations.

LYLE PRATT and RALPH PECK for photographs.

DON GREYTAK for all pencil drawings throughout the bulletin.
Old Library Gallery, Havre, Montana (406) 265-8165

MONTANA AGRICULTURAL STATISTICS

VOLUME XXVII OCTOBER 1990

AUG 1 0 1994

STATE OF MONTANA

STAN STEPHENS, GOVERNOR

STATE DOCUMENTS COLLECTION

JAN 2 1991

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620

MONTANA DEPARTMENT OF AGRICULTURE

EVERETT SNORTLAND, DIRECTOR

COOPERATING WITH

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

CHARLES E. CAUDILL, ADMINISTRATOR

COMPILED BY

MONTANA AGRICULTURAL STATISTICS SERVICE

FEDERAL BUILDING and U.S. COURTHOUSE
P.O. BOX 4369
HELENA, MONTANA 59604
PHONE: (406) 449-5303

LYLE H. PRATT, STATE STATISTICIAN

CURTIS E. LUND, DEPUTY STATE STATISTICIAN

LIVESTOCK, CROPS & DATA PROCESSING

Sid Lebahn
Perry Game
Bonnie Heller
Ron Schumacher
Lisa Loftsgaarden
Ray Stack
Steve Susemihl
Vicki McCall
Billye Vincent

ADMINISTRATIVE & SUPPORT

Ann Bossell
Wendy Bruski
Violet Smith
Carol Carlson
Linda McCauley
Carol Stefely

PLEASE RETURN

State of Montana
Office of the Governor
Helena, Montana 59620
406-444-3111

STAN STEPHENS
GOVERNOR

COMMENTS FROM THE GOVERNOR

The decade of the 80's will certainly be viewed by historians as a period of very difficult times for agriculture. However, through the dedication and perseverance of agricultural business men and women, the industry has weathered the difficulties and continues to provide consumers with low cost quality food and fiber. This dedication, in combination with changing worldwide market opportunities, will continue to make agriculture the economic backbone of Montana.

In order to maintain a competitive market position in worldwide agriculture, Montana producers need an abundance of current information and statistics to make sound business decisions. The information contained in this bulletin helps agricultural producers evaluate alternatives and make informed decisions within a dynamic industry.

The information provided in this bulletin will help keep Montana agriculture our state's largest, most important industry.

Sincerely,

Stan Stephens
Governor

STAN STEPHENS
GOVERNOR

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE
OFFICE OF THE DIRECTOR
AGRICULTURE/LIVESTOCK BLDG.
CAPITOL STATION
HELENA, MONTANA 59620-0201

TELEPHONE:
(406) 444-3144

FAX (406) 444-5409

EVERETT M. SNORTLAND
DIRECTOR

MESSAGE FROM THE DIRECTOR

Montana farmers and ranchers face an ever increasing rate of change, in terms of technology, world markets and environmental issues. These events are not new to agriculture, but their impacts are becoming more immediate and substantial.

The continual changes that occur in agriculture make access to reliable information an essential aspect of conducting business. Statistics provided in the agricultural statistics bulletin are an important element of helping agricultural businesses make accurate decisions. Information found in this bulletin will help reduce some of the uncertainties, facilitate more informed decisions and enable agriculture to project a positive position with respect to the future use of our land and water resources.

Looking back on the 1980's, agriculture was hit hard by drought and depressed and fluctuating market prices. We are confident that the 1990's will provide for added production and market alternatives and a general improvement in the agricultural economy.

Sincerely,

Everett

Everett Snortland
Director

NOTES FROM THE STATE STATISTICIAN

This twenty-seventh edition of Montana Agricultural Statistics provides data users with unbiased statistics about the state's agricultural industry.

Agriculture, Montana's largest industry, contributed a record 1.9 billion dollars to the state's economy in 1989. The largest enterprise was cattle and calf production followed by the wheat and barley crops.

What's ahead as we enter the 1990's? We see new challenges to agriculture's traditional use of land, water and other valuable resources. Agriculture will be required to justify it's claim to those resources with facts and figures. The future of agriculture in America will depend on agriculture's ability to influence public perception. Facts to emphasize the importance of crop and livestock production will be needed to counter erroneous perceptions about grazing, animal welfare, and pesticide use.

We see rapid expansion of genetic engineering and other biotechnology to solve pest and disease problems. Unbiased statistics will be needed to measure and evaluate change. Accurate and reliable facts and figures depend on the continued support of producers. A big "thank you" to our farmers, ranchers, and agri-businessmen who voluntarily answer survey questionnaires to provide input to this and other reports. Thanks also to our staff of statisticians, technicians, and enumerators who are dedicated to providing you with high quality, timely information. A special thank you to Wendy Bruski, who had overall responsibility for layout, design, and production of this report.

Lyle H. Pratt
State Statistician

TABLE OF CONTENTS

GENERAL

Montana Department of Agriculture 6
Crop, Livestock, and Weather Digest 7
Climatological Data--Table 8
Climatological Data--Map 9
Montana Facts and Figures 10
Number of Farms, Land in Farms, Livestock Farms 11

ECONOMIC

CASH RECEIPTS:
- Principal Products & Government Payments--State 12
- Principal Products & Government Payments--County ... 13
- Marketings by Commodities--Tables 14
- Marketing by Commodities--Pie Charts 15

Gross and Net Income from Farming 16
Comparison of Selected Industries 17
Prices Received for Selected Commodities 18
Fertilizer & Fertilizer Materials Sold 19

STATE STATISTICS--CROPS

ACREAGE, PRODUCTION, PRICE, VALUE:
- All Wheat, ... 20
- Winter Wheat 21
- Spring Wheat Excluding Durum 22
- Durum Wheat 23
- Barley 24
- Oats 25
- Corn 26
- Potatoes 26
- Dry Beans 26
- All Hay 27
- Alfalfa Hay 27
- All Other Hay 27
- Cherries 28
- Sugar Beets 28

Stocks of Major Grains 29
Wheat Shipped Out of State
By Class & Destination 30
Winter Wheat Shipped
By Class, District, Mode & Destination 30
All Wheat, Production, Stocks, & Utilization 31
All Wheat, Movement, Utilization, Exports 31
Wheat Varieties, % of Total Seeded Acreage
& Seeded Acreage 32
Major Wheat Varieties--Graphs 33
Barley, % of Total Seeded Acreage
& Seeded Acreage 34
Major Barley Varieties--Graph 35
Marketings of Major Crops 35

RANK

Montana's Rank in the Nation's Agriculture 36
Crop & Livestock Record Highs and Lows 37
Numerical Ranking of Counties--Crops 38
Numerical Ranking of Counties--Livestock
& Cash Receipts 39
Winter Wheat & Spring Wheat
Harvested Acreage--Maps 40
Durum Wheat & Barley--Harvested Acreage--Maps 41
Oats & Alfalfa Hay--Harvested Acreage--Maps 42

COUNTY STATISTICS--CROPS

All Crops, Irrigated & Non-Irrigated 1988-89 43
ACREAGE, YIELD, & PRODUCTION:
- All Wheat, 1988-89 ..... 44, 45
- Winter Wheat, 1988-89 ..... 46, 47
- Spring Wheat, 1988-89 ..... 48, 49
- Durum Wheat, 1988-89 ..... 50, 51
- Barley, 1988-89 ..... 52, 53
- Oats, 1988-89 ..... 54, 55

Corn, Acreage, Silage, & Yield, 1988-89 ..... 56, 57
Corn For Grain, 1988-89 58
Potatoes, 1988-89 58
Sugar Beets, 1988-89 59
Dry Beans, 1988-89 59
All Hay, 1988-89 ..... 60, 61
Alfalfa Hay, 1988-89 ..... 62, 63
All Other Hay, 1988-89 ..... 64, 65

STATE STATISTICS--LIVESTOCK

Cattle & Calves, Numbers, Value, Disposition 66
Cattle & Calves Inventory--Graph 67
Cattle & Calves, Production & Income 68
Milk Cows, Production, Milkfat 68
Milk & Cream Marketed 69
Dairy Products Marketed 69
Sheep & Lambs Inventory--Graph 70
Hogs & Pigs Inventory--Graph 70
Sheep, Lambs, & Wool, Numbers, Value,
Production, Disposition, Income 71
Hogs & Pigs, Numbers, Value,
Production, Disposition, Income 72
Chickens, Numbers, Value, Production, Income 73
Honey & Beeswax, Production, Price, Value 73
Commercial Livestock Slaughter 74
Dairy Products Manufactured 74
Cattle & Calves, Percent of Operations &
Inventory by Size Groups 75

COUNTY STATISTICS--LIVESTOCK

LIVESTOCK INVENTORY BY COUNTIES:
- Cattle & Calves, Number of Head--Map 75
- All Cattle & Calves 76
- Milk Cows & Heifers That Have Calved 76
- Beef Cows & Heifers That Have Calved 77
- Stock Sheep & Lambs 77
- Sheep & Lambs, Number of Head--Map 78
- Hogs & Pigs, Number of Head--Map 78
- Hogs & Pigs 79
- Chickens 79

AGRICULTURAL EXPORTS

..... 80

REPORTS ISSUED & PUBLICATION DATES

(on back cover)

MONTANA DEPARTMENT OF AGRICULTURE

The Department of Agriculture, through the Director, is responsible for administration of a $6.5 million annual budget with 81.33 full-time and 10 seasonal employees. The Director oversees the department's four divisions and nine bureaus. The function of each division is summarized below.

The Centralized Services Division performs technical, fiscal, and administrative support functions for the department. Responsibilities of the division include activities for internal operations of the department. The grain laboratory unit, attached to the Director's office, provides the only official grain grading service in the state.

The Environmental Management Division is responsible for the registration of 4,700 pesticide products; the training, certification and licensing of 1,392 commercial and government applicators, 1,078 operators, 535 pesticide dealers, and 8,001 private applicators. The division is also responsible for enforcement of the pesticide act and rules; providing technical environmental services to agriculture; providing an evaluation of pest management problems and programs; and providing analytical laboratory and consultative services to other agencies and the public.

The passage of the Montana Agricultural Chemical Ground Water Protection Act (1990) provides that the department will protect ground water and the environment from impairment or degradation due to the use of agricultural chemicals.

The Vertebrate Pest Management program provides on-site demonstrations, educational materials and technical bulletins to assist producers in reducing damage caused by field rodents, birds and other larger mammals.

The Weed Control program is responsible for administering statewide efforts aimed at control and/or eradication of noxious and other weeds.

The Plant Industry Division is responsible for the administration and enforcement of regulatory laws controlling the production, manufacturing, and marketing of agricultural commodities exported from or distributed within Montana. The division investigates consumer complaints; performs technical inspections and surveys; issues federal-state grade certificates; and provides regulatory technical expertise and licenses for 4,900 bee yards, 650 nurseries, 650 feed dealers, 250 fertilizer dealers, 400 seed dealers, and 325 grain merchandisers. The division also registers some 3,300 commercial feed products and 1,000 fertilizers.

The Agricultural Development Division is responsible for administering programs directed at promoting and enhancing Montana agriculture. The Agriculture Finance program is responsible for making grants and lower interest-rate loans available to rural youth, rural youth organizations, and other qualified farmers and ranchers. The division's Agricultural Assistance program is responsible for providing peer counseling, financial consulting, and debt mediation assistance. The State Hail Insurance program insures any type of crop growing in Montana from losses caused by hail damage.

The Marketing Program is responsible for market enhancement and development through direct market development activities and through grants and seed capital investments in new/innovative marketing and product developments. Statewide agricultural statistics and projections are developed through a Federal/State cooperative agreement administered through the division, which are made available through a comprehensive agricultural statistics bulletin and grain movement summary along with other production, price, and income reports. The division is also responsible for promoting and encouraging intensive scientific and practical research in all phases of wheat culture, production, and marketing under the guidelines and policies developed by the Montana Wheat and Barley Committee.

MONTANA CROP, LIVESTOCK, AND WEATHER DIGEST, 1989

JANUARY: The month was warm, snowy, and unusually windy. Snowfall helped the winter wheat crop through periods of strong winds. Russian wheat aphids were reported in many locations.

FEBRUARY: One of the coldest months on record. Winter wheat condition deteriorated even though snow cover protection was good. The cold put considerable stress on livestock, especially newborn calves.

MARCH: Snowfall was above normal and temperatures below normal. Topsoil moisture was replenished. Winter wheat was rated fair to good, but winter kill was suspected.

APRIL: Temperatures above normal. Except for the west, precipitation was also above normal. Extensive winter wheat freeze damage became apparent as the crop began to grow. Planting progress was well behind normal.

MAY: A wet and cool month. Soil moisture was mostly adequate. Spring seeding was nearly finished, slightly behind normal. Emergence of spring crops was well behind normal. Pasture and range feed condition was mostly good to excellent.

JUNE: Cool weather held back crop growth, but crop condition was mostly good to excellent because of adequate moisture. Hay harvest was also delayed.

JULY: Warm temperatures and below normal rainfall dried soils and lowered crop condition mostly in the eastern third of the state. Winter wheat harvest later than normal.

AUGUST: Rains caused considerable sprout damage in spring grains and delayed harvest operations. Eastern Montana remained mostly dry.

SEPTEMBER: Small grain and hay harvest was completed by month's end after a slow start. Winter wheat seeding was on schedule. Nearly half of the soils were short of moisture with the driest soils in the east.

OCTOBER: Late season crop harvest was completed except for sugar beets. Soils remained critically dry in the eastern counties. Winter wheat seeding was complete with emerged stands in good condition.

NOVEMBER: Soil moisture shortage in the eastern counties continued, while elsewhere soils were wet. Most planted winter wheat was emerged and in fair to good condition. Nearly all livestock were moved from summer pastures.

DECEMBER: Topsoil moisture supplies improved. Snowcover protection for winter wheat was mostly good to excellent. Most livestock were on supplemental feed.

CLIMATOLOGICAL DATA: Precipitation and Number of Days Between Freezing Temperatures 1988-1989

COUNTY & DISTRICT	STATIONS	PRECIPITATION ANNUAL 1988	ANNUAL 1989	ANNUAL Normal [2]	APRIL - SEPTEMBER 1988	APRIL - SEPTEMBER 1989	APRIL - SEPTEMBER Normal [2]	FROST FREE DAYS [1] 1988	1989	Normal [3]
		--Inches--						--Days--		
Deer Lodge	Anaconda	9.19	12.95	--	5.77	6.94	--	73	98	--
Flathead	Kalispell	14.94	22.20	15.93	8.52	11.67	8.55	116	111	135
Granite	Philipsburg	14.39	14.75	14.22	10.93	9.41	9.77	8	63	55
Lake	St. Ignatius	12.62	21.06	16.18	8.48	11.57	9.91	117	114	119
Mineral	Superior	15.04	16.56	17.46	6.59	8.04	8.14	117	99	85
Missoula	Missoula	11.07	13.56	13.29	6.79	8.34	7.30	104	108	112
Powell	Ovando	10.68	15.58	--	6.11	9.65	--	7	72	39
Ravelli	Hamilton	11.42	12.83	13.11	7.65	7.50	7.11	83	110	122
Sanders	Thompson Falls	20.69	23.55	22.77	8.16	10.64	8.83	117	113	115
NORTHWEST	**Averages**	**13.34**	**17.00**	**16.14**	**7.67**	**9.31**	**8.52**	**82**	**99**	**98**
Blaine	Chinook	--	14.65	11.93	--	10.42	9.05	--	103	119
Chouteau	Ft. Benton	10.67	19.86	14.60	7.69	13.39	10.24	139	104	127
Glacier	Cut Bank	9.07	19.48	11.99	6.70	15.03	9.81	110	102	108
Hill	Havre	6.38	16.18	11.17	4.31	11.97	8.14	128	132	138
Liberty	Chester	7.27	--	10.65	4.85	--	8.36	110	--	118
Phillips	Malta	9.59	11.95	--	7.55	8.60	--	117	108	131
Pondera	Valier	9.31	19.77	12.28	7.64	17.08	10.05	131	102	114
Teton	Fairfield	9.25	20.03	12.51	6.97	15.73	9.80	131	103	125
NORTH CENTRAL	**Averages**	**8.79**	**17.42**	**12.16**	**6.53**	**13.17**	**9.35**	**124**	**108**	**123**
Daniels	Scobey	10.24	10.95	13.49	8.54	9.43	10.24	98	108	116
Dawson	Glendive	6.80	17.80	13.45	4.39	13.88	10.55	153	128	139
Garfield	Jordan	8.41	17.16	12.54	5.89	11.76	9.74	116	108	108
McCone	Vida	--	9.54	15.70	5.05	7.12	11.93	138	127	110
Richland	Savage	7.28	10.37	13.86	4.25	6.58	11.36	152	128	131
Roosevelt	Culbertson	6.93	12.34	14.29	4.96	9.32	11.40	107	102	114
Sheridan	Medicine Lake	8.53	9.88	14.30	6.39	6.91	11.44	138	127	107
Valley	Glasgow	7.48	10.31	11.55	5.90	7.29	9.07	138	129	124
NORTHEAST	**Averages**	**7.95**	**12.29**	**13.65**	**5.67**	**9.04**	**10.72**	**130**	**120**	**119**
Broadwater	Townsend	7.42	10.49	11.11	6.11	6.96	8.17	116	77	119
Cascade	Great Falls	11.80	22.37	15.24	8.20	16.30	10.20	131	103	135
Fergus	Lewistown	12.80	--	17.66	8.53	14.68	12.75	121	102	107
Golden Valley	Barber	--	14.21	12.49	--	8.01	9.41	103	77	108
Judith Basin	Stanford	16.69	23.69	15.34	11.40	15.93	11.51	115	102	104
Lewis & Clark	Helena	10.03	12.49	11.37	7.11	7.62	7.79	116	100	134
Meagher	White Slphr Spgs	8.87	13.35	15.77	6.51	7.43	9.16	113	99	97
Musselshell	Roundup	10.49	15.16	12.01	6.66	8.35	9.31	139	133	129
Petroleum	Flatwillow	10.91	15.47	13.33	8.00	9.69	10.16	154	108	122
Wheatland	Harlowton	10.02	16.52	12.88	6.90	9.77	9.67	103	105	96
CENTRAL	**Averages**	**11.00**	**15.97**	**13.72**	**7.71**	**10.47**	**9.81**	**121**	**101**	**115**
Beaverhead	Dillon	7.85	9.50	9.53	6.75	5.49	7.18	73	102	99
Gallatin	Bozeman	15.61	18.83	18.63	10.64	10.94	12.20	131	104	107
Madison	Virginia City	13.46	12.77	16.26	9.44	6.61	11.29	72	81	94
Silver Bow	Butte	8.32	13.75	11.73	5.50	8.45	8.58	7	74	81
SOUTHWEST	**Averages**	**11.31**	**13.71**	**14.04**	**8.08**	**7.87**	**9.81**	**71**	**90**	**95**
Big Horn	Crow Agency	11.86	--	15.31	6.93	--	10.09	140	--	125
Carbon	Bridger	13.15	13.27	12.67	9.29	6.52	8.33	132	103	126
Carbon	Red Lodge	22.33	22.13	25.02	12.69	12.40	15.34	119	101	104
Park	Livingston	12.89	17.71	15.12	8.38	10.81	10.67	114	104	116
Stillwater	Columbus	13.16	14.42	13.87	8.36	7.02	9.80	122	--	121
Sweet Grass	Big Timber	11.08	20.96	15.20	7.37	12.21	10.77	114	108	123
Treasure	Hysham	--	15.57	12.77	6.90	9.31	9.21	155	108	121
Yellowstone	Billings	10.36	15.41	15.09	6.37	7.61	9.55	155	133	132
SOUTH CENTRAL	**Averages**	**13.55**	**17.07**	**15.63**	**8.29**	**9.41**	**10.47**	**131**	**110**	**121**
Carter	Ekalaka	--	--	16.21	5.35	--	12.54	136	--	122
Custer	Miles City	5.27	--	14.11	2.80	10.04	10.29	167	133	150
Fallon	Plevna	6.48	15.11	13.21	4.34	9.82	10.34	116	127	118
Power River	Broadus	7.77	13.51	13.84	4.95	7.10	10.01	137	101	128
Prairie	Mildred	6.92	13.47	--	4.82	9.20	--	152	132	119
Rosebud	Forsyth	8.47	13.99	--	5.19	8.12	--	155	132	130
Wibaux	Wibaux	--	--	13.84	4.09	12.46	11.32	111	108	107
SOUTHEAST	**Averages**	**6.98**	**14.02**	**14.24**	**4.51**	**9.46**	**10.90**	**139**	**122**	**125**

[1] Days between last frost in spring to first frost in fall after June 30.
[2] Normal for period 1951-1980. [3] Normal for period 1941-1970. -- Data not available.

SOURCE: THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA-NOAA.

AVERAGE ANNUAL PRECIPITATION

LEGEND

Inches

0 - 12	20 - 40
12 - 16	40 & more
16 - 20	

Based on period 1953-67

Montana Agricultural Statistics Service
Helena, Montana

Source
U.S.D.A. Soil Conservation Service
Montana Water Resources Board
National Weather Service

MONTANA FACTS AND FIGURES

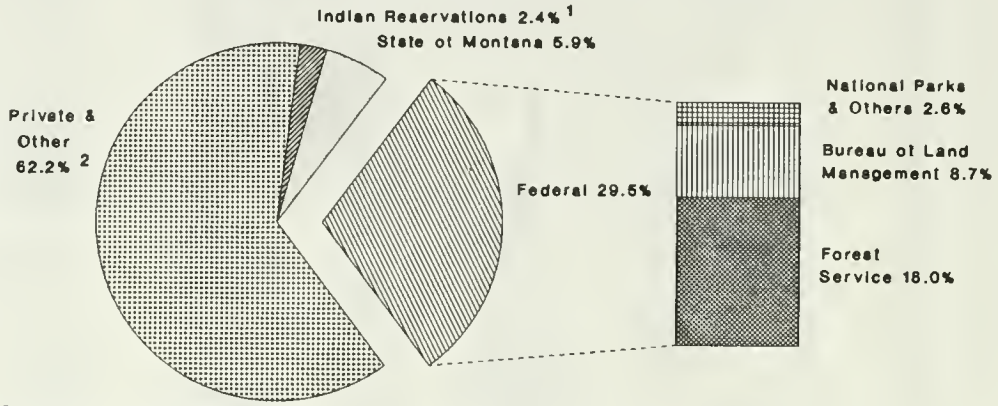
Montana's 1980 population, at 786,690, was up 13 percent from 1970. Population density, measured in people per square mile, was 5.3 in 1980--third lowest in the United States. Montana's 60.2 million acres of land in farms and ranches ranks second in the nation behind Texas.

MONTANA POPULATION	
Total, 1980 Census	786,690
People Per Square Mile	5.3
Farm Population	67,546
People Per Farm	2.8

LAND AND LAND UTILIZATION [1]		
Montana Total Land Area, Miles	145,388	Sq. Miles
Montana Total Land Area, Acres	93.0	Mil. Acres
All Land in Farms & Ranches	60,203,993	Acres
Proportion of Land in Farms & Ranches	64.7	Percent

[1] 1987 U.S. Census of Agriculture.

MONTANA LAND AREA: Ownership as Percentage of Total



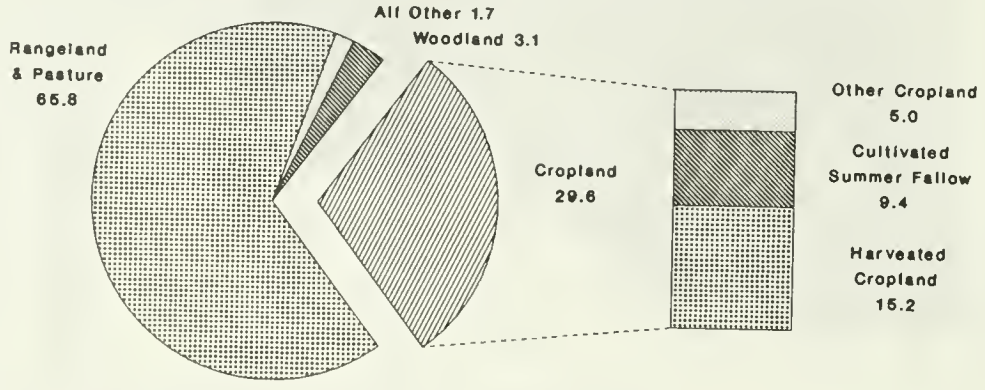
[1] Tribal lands only. [2] Includes roads, railroads, airports, etc.
SOURCE: BLM "Public Land Statistics, 1983," USFS, BIA, State of Montana, Department of State Lands.

FARM COUNTS AND MEASUREMENTS, 1988

Number of Farms & Ranches [1]	24,600	Real Estate Value/Farm or Ranch [3]	$411,821
Average Size of Farm or Ranch [1]	2,467 Acres	Average Value Per Acre [4]	$209
Total Farm & Ranch Assets [2]	$14.8 Bil.	Farm & Ranch Debt Per Operation [5]	$112,813
Average Value Per Farm or Ranch [2]	$601,028		

[1] Places with annual sale of agricultural products of $1,000 or more. [2] Includes household, buildings, machinery, livestock, crops, savings and investments. [3] Includes dwelling and other farm buildings. [4] Per acre, land and buildings, February 1, 1989. [5] Includes real estate, non-real estate, and CCC loans.

LAND IN FARMS AND RANCHES: Utilization as Percentage of Total [1]



[1] 1987 U.S. Census of Agriculture.

NUMBER OF FARMS, Montana, 1910-1949

Year	Number of Farms Thous.	Year	Number of Farms Thous.	Year	Number of Farms Thous.	Year	Number of Farms Thous.
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

NUMBER OF FARMS, ALL LAND IN FARMS, AND AVERAGE SIZE OF FARMS, Montana, 1950-1990

Year	Number of Farms Thous.	All Land in Farms Thous. Acres	Average Size of Farms Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,799
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,899
1956	34.2	66,200	1,936
1957	33.6	66,300	1,973
1958	33.0	66,500	2,015
1959	32.4	66,600	2,056
1960	31.7	66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
1969	26.7	64,700	2,423
1970	26.4	64,200	2,432
1971	26.0	63,700	2,450
1972	25.5	63,200	2,478
1973	25.1	63,000	2,510
1974	24.6	62,800	2,553
1975	23.4 [1]	62,200	2,658
1976	23.4	62,200	2,658
1977	23.5	62,100	2,643
1978	23.6	62,100	2,631
1979	23.7	62,100	2,620
1980	23.8	61,900	2,601
1981	23.9	61,700	2,582
1982	24.0	61,500	2,563
1983	24.1	61,300	2,544
1984	24.2	61,100	2,525
1985	24.3	61,000	2,510
1986	24.4	60,900	2,496
1987	24.5	60,800	2,482
1988	24.6	60,700	2,467
1989	24.7	60,600	2,453
1990	24.7	60,500	2,449

[1] Places which had annual sale of agricultural products of $1,000 or more. Series initiated with 1975.

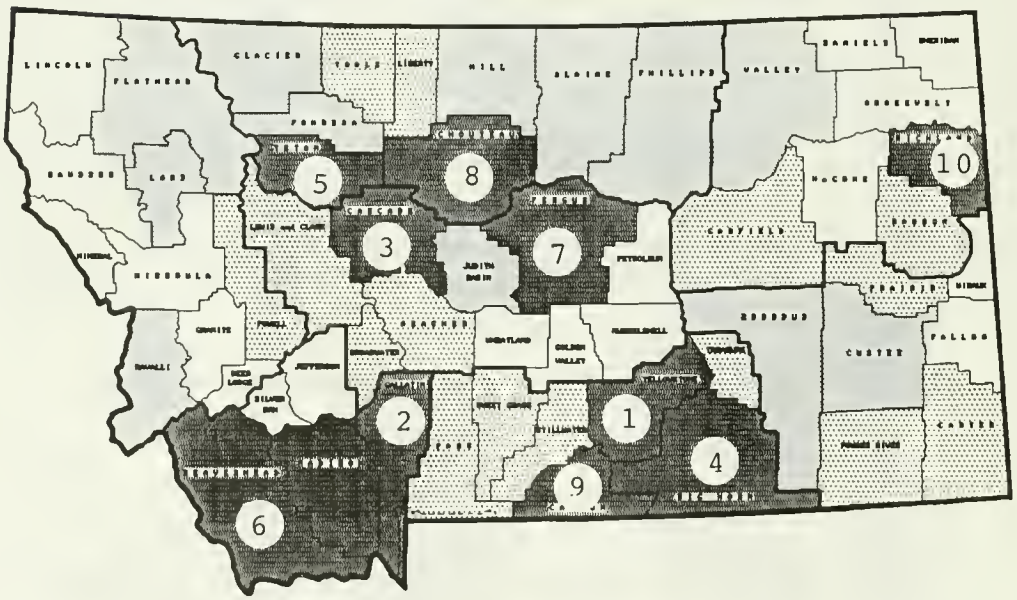
NUMBER OF LIVESTOCK FARMS, Montana, 1983-1989

ITEM	1983	1984	1985	1986	1987	1988	1989
				--Thousands--			
All Cattle	16.3	16.6	16.2	16.0	15.7	15.4	15.2
Milk Cows	2.9	2.8	2.7	2.5	2.3	2.2	2.0
Hogs	1.8	1.8	1.6	1.4	1.5	1.8	1.9
All Sheep	2.7	2.8	2.8	2.8	2.8	2.8	2.7

CASH RECEIPTS: From the Sale of Principal Products and Government Payments, Montana, 1980-1989

	Livestock & Livestock Products	Crops	Total Receipts from Marketing	Government Payments	Total All Cash Receipts
			---Thousand Dollars---		
1980	746,877	652,847	1,399,724	58,484	1,458,208
1981	629,224	780,983	1,410,207	85,131	1,495,338
1982	654,022	898,355	1,552,377	116,916	1,669,293
1983	655,141	846,892	1,502,033	230,324	1,732,357
1984	752,116	689,420	1,441,536	239,609	1,681,145
1985	806,306	453,622	1,259,928	220,876	1,480,804
1986	597,888	499,170	1,097,058	344,450	1,441,508
1987	764,702	655,088	1,419,790	352,330	1,772,120
1988	816,262	616,704	1,432,966	386,734	1,819,700
1989	899,254	710,482	1,609,736	289,382	1,899,118

CASH RECEIPTS FROM FARM MARKETINGS-1988
EXCLUDING GOVERNMENT PAYMENTS



Numbers show ranking of top ten.

Million Dollars
0-14.9
15.0-24.9
25.0-39.9
40.0-97.5

CASH RECEIPTS: From Sale of Principal Products and Government Payments, 1988 [1]

COUNTY & DISTRICT	Livestock & Livestock Products	Crops	Total Receipts From Marketings	Government Payments	All Cash Receipts
			--Thousand Dollars--		
Deer Lodge	3,315	533	3,848	198	4,046
Flathead	14,675	13,016	27,691	1,343	29,034
Granite	10,354	607	10,961	163	11,124
Lake	21,213	16,275	37,488	1,558	39,046
Lincoln	1,963	223	2,186	[2]	2,186
Mineral	595	269	864	[2]	864
Missoula	6,427	1,630	8,057	521	8,578
Powell	12,371	2,875	15,246	445	15,691
Ravalli	23,754	5,049	28,803	484	29,287
Sanders	8,372	1,875	10,247	517	10,764
NORTHWEST	**103,039**	**42,352**	**145,391**	**5,229**	**150,620**
Blaine	16,688	11,816	28,504	14,664	43,168
Chouteau	13,203	33,002	46,205	41,070	87,275
Glacier	15,326	16,399	31,725	11,335	43,060
Hill	9,367	30,220	39,587	22,157	61,744
Liberty	8,532	14,138	22,670	14,401	37,071
Phillips	19,461	9,117	28,578	13,659	42,237
Pondera	8,455	29,281	37,736	13,954	51,690
Teton	28,495	36,725	65,220	13,318	78,538
Toole	5,134	16,006	21,140	16,172	37,312
NORTH CENTRAL	**124,661**	**196,704**	**321,365**	**160,730**	**482,095**
Daniels	3,934	5,461	9,395	13,416	22,811
Dawson	11,511	9,565	21,076	9,810	30,886
Garfield	17,183	3,575	20,758	8,517	29,275
McCone	7,147	7,277	14,424	12,890	27,314
Richland	19,719	23,430	43,149	8,942	52,091
Roosevelt	4,722	8,455	13,177	16,726	29,903
Sheridan	4,787	8,277	13,064	15,596	28,660
Valley	17,386	9,878	27,264	19,271	46,535
NORTHEAST	**86,389**	**75,918**	**162,307**	**105,168**	**267,475**
Broadwater	7,692	8,747	16,439	3,964	20,403
Cascade	44,880	23,517	68,397	12,834	81,231
Fergus	26,040	24,406	50,446	10,937	61,383
Golden Valley	9,217	2,290	11,507	4,004	15,511
Judith Basin	16,673	11,637	28,310	5,707	34,017
Lewis & Clark	13,804	6,651	20,455	1,385	21,840
Meagher	15,653	3,245	18,898	2,067	20,965
Musselshell	7,451	7,163	14,614	3,389	18,003
Petroleum	7,765	1,524	9,289	1,366	10,655
Wheatland	11,581	3,245	14,826	3,735	18,561
CENTRAL	**160,756**	**92,425**	**253,181**	**49,388**	**302,569**
Beaverhead	47,627	10,323	57,950	2,020	59,970
Gallatin	42,793	29,537	72,330	3,552	75,882
Jefferson	6,667	2,876	9,543	572	10,115
Madison	34,031	7,231	41,262	1,819	43,081
Silver Bow	3,045	550	3,595	63	3,658
SOUTHWEST	**134,163**	**50,517**	**184,680**	**8,026**	**192,706**
Big Horn	42,524	22,946	65,470	5,754	71,224
Carbon	27,949	17,256	45,205	2,776	47,981
Park	17,525	4,170	21,695	1,207	22,902
Stillwater	17,577	6,981	24,558	4,703	29,261
Sweet Grass	14,624	1,462	16,086	847	16,933
Treasure	10,511	7,022	17,533	1,138	18,671
Yellowstone	84,276	27,779	112,055	6,495	118,550
SOUTH CENTRAL	**214,986**	**87,616**	**302,602**	**22,920**	**325,522**
Carter	18,882	1,159	20,041	6,061	26,102
Custer	34,726	4,273	38,999	5,580	44,579
Fallon	11,255	1,585	12,840	6,380	19,220
Powder River	21,339	1,812	23,151	3,673	26,824
Prairie	13,115	3,699	16,814	3,957	20,771
Rosebud	27,258	10,767	38,025	5,163	43,188
Wibaux	4,846	1,026	5,872	4,436	10,308
SOUTHEAST	**131,421**	**24,321**	**155,742**	**35,250**	**190,992**
MONTANA	**955,415**	**569,853**	**1,525,268**	**386,734**	**1,912,002**

[1] Includes estimates of inter-farm sales and intra-state sales resulting in larger total cash receipts than shown in USDA estimates on other pages. [2] Payments of less than $50,000. They are included in state total.

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington D.C.

CASH RECEIPTS: From Marketings by Commodities, Montana, 1985-1989 [1]

ITEM	1985	1986	1987	1988	1989
			--Thousand Dollars--		
LIVESTOCK and PRODUCTS					
Cattle and calves	689,332	484,121	641,623	693,345	769,561
Dairy products	43,852	41,338	40,878	41,254	43,292
Sheep and lambs	27,350	20,451	21,582	21,286	20,760
Wool	3,743	3,867	5,268	8,386	7,738
Hogs and pigs	21,954	23,147	30,836	28,613	34,181
Eggs	8,585	9,380	8,542	7,760	11,250
Chickens	168	189	149	174	197
Other [2]	11,322	15,395	15,824	15,444	12,275
TOTAL	806,306	597,888	764,702	816,262	899,254
CROPS					
Wheat	257,413	269,927	368,918	308,101	390,731
Barley	60,799	87,954	132,538	120,864	110,547
Sugar beets	28,791	39,726	42,463	46,646	45,829
Hay	74,956	68,414	69,899	98,002	119,930
Potatoes	15,844	9,367	12,311	11,565	15,225
Oats	1,247	870	1,594	2,205	2,112
Dry beans	2,011	1,570	1,473	1,752	2,709
Corn	1,538	1,305	1,452	2,177	1,712
Cherries	2,255	480	2,280	1,042	[3]
All other [4]	8,768	19,557	22,160	24,350	21,687
TOTAL	453,622	499,170	655,088	616,704	710,482
ALL COMMODITIES	1,259,928	1,097,058	1,419,790	1,432,966	1,609,736

[1] Revised. [2] Includes honey, beeswax, bees; turkey & turkey eggs; rabbits; mink; and others. [3] Freeze out, no commercial production. [4] Includes other field crops and fruits; vegetables; seeds; and greenhouse, nursery and forest products.

CASH RECEIPTS: From Marketings by Commodities, as a Percent of Total Receipts For All Commodities, Montana, 1985-1989 [1]

ITEM	1985	1986	1987	1988	1989
			--Percent--		
LIVESTOCK and PRODUCTS					
Cattle and calves	54.7	44.1	45.2	48.4	47.8
Dairy products	3.5	3.8	2.9	2.9	2.7
Sheep and lambs	2.2	1.9	1.5	1.5	1.3
Wool	0.3	0.4	0.4	0.6	0.5
Hogs and pigs	1.7	2.1	2.2	2.0	2.1
Chickens and eggs	0.7	0.9	0.6	0.6	0.7
Other	0.9	1.4	1.1	1.1	0.8
TOTAL	64.0	54.5	53.9	57.0	55.9
CROPS					
Wheat	20.4	24.6	26.0	21.5	24.3
Barley	4.8	8.0	9.3	8.4	6.9
Sugar beets	2.3	3.6	3.0	3.3	2.8
Hay	5.9	6.2	4.9	6.8	7.5
Potatoes	1.3	0.9	0.9	0.8	0.9
Other	1.3	2.2	2.0	2.2	1.8
TOTAL	36.0	45.5	46.1	43.0	44.1
ALL COMMODITIES	100.0	100.0	100.0	100.0	100.0

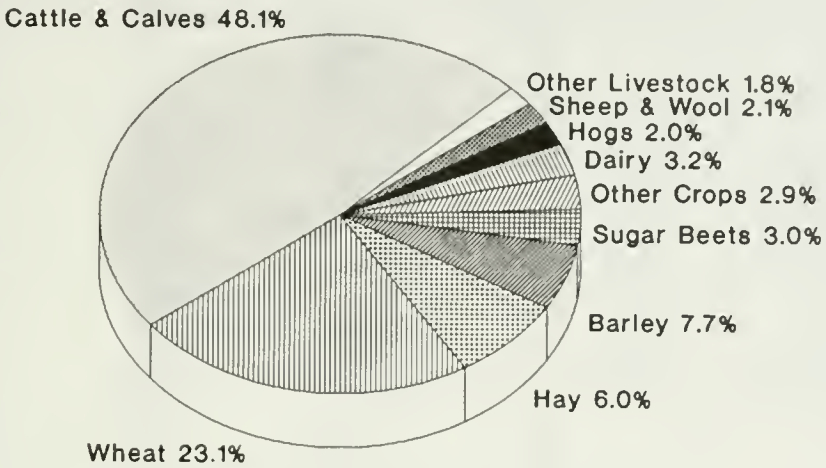
[1] Revised and details may not add to total because of rounding.

CASH RECEIPTS FROM MARKETINGS OF COMMODITIES, MONTANA [1]

1985-1988 AVERAGE

LIVESTOCK
$746,290,000
57.3%

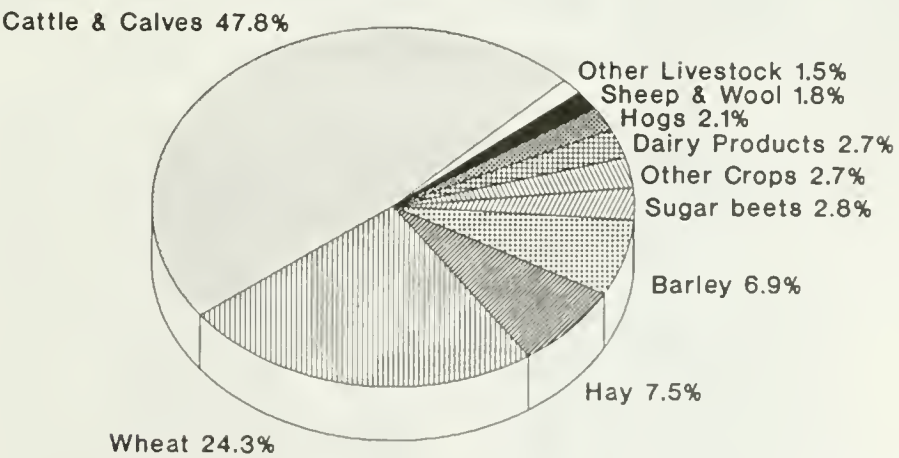
CROPS
$556,146,000
42.7%



1989

LIVESTOCK
$899,254,000
55.9%

CROPS
$710,482,000
44.1%



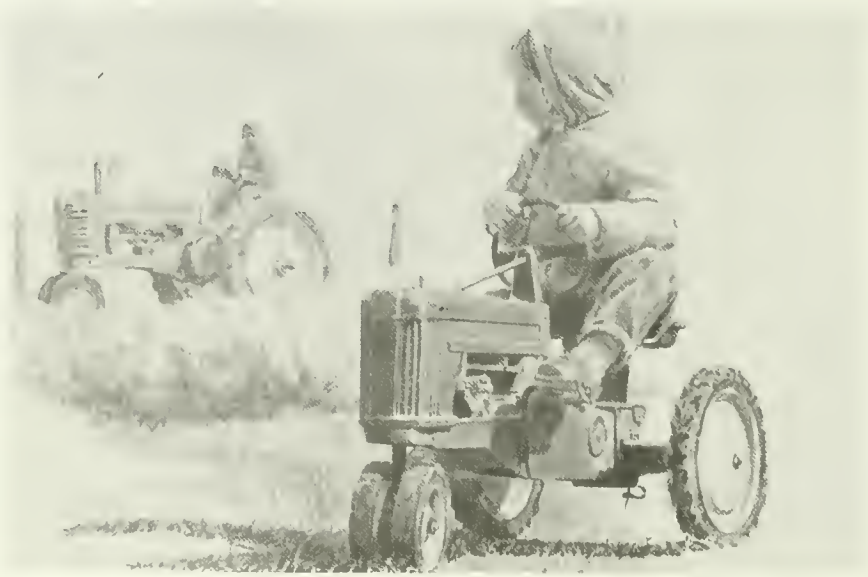
[1] Details may not add because of rounding.

GROSS and NET INCOME FROM FARMING: Montana, 1985-1989 [1]

ITEM	1985	1986	1987	1988	1989
			--Million Dollars--		
GROSS FARM INCOME [2]	1,302.1	1,790.6	1,908.2	1,754.7	2,153.6
CASH INCOME	1,507.0	1,465.4	1,802.9	1,848.3	1,931.6
Farm marketing	1,259.9	1,097.1	1,419.8	1,433.0	1,609.7
Crops	453.6	499.2	655.1	616.7	710.5
Livestock & products	806.3	597.9	764.7	816.3	899.3
Government payments	220.9	344.5	352.3	386.7	289.4
Other farm related income [3]	26.2	23.9	30.8	28.6	32.5
NONCASH INCOME	125.4	106.3	115.0	116.3	114.2
Value of home consumption	15.5	12.9	12.5	12.4	12.6
Rental value of dwellings	109.8	93.4	102.6	103.9	101.6
VALUE OF INVENTORY ADJUSTMENT	(330.3)	218.9	(9.8)	(209.9)	107.8
TOTAL PRODUCTION EXPENSES [2]	1,539.0	1,569.8	1,592.2	1,542.3	1,693.6
INTERMEDIATE PRODUCT EXPENSES	689.2	669.2	730.4	770.0	861.7
Farm origin	165.6	181.8	210.2	227.6	252.5
Feed purchased	105.4	109.0	120.3	137.5	151.3
Livestock & poultry purchased	36.4	47.5	62.8	63.0	70.2
Seed purchased	23.8	25.4	27.0	27.1	31.0
Manufactured inputs	267.3	244.4	246.3	249.2	281.1
Fertilzer & lime	81.7	76.3	74.2	78.0	86.9
Pesticides	52.1	54.7	59.9	59.0	76.0
Fuel & oil	114.4	95.1	89.8	89.2	96.5
Electricity	19.1	18.4	22.3	23.1	21.7
Other	256.3	243.0	273.9	293.2	328.1
Repairs & maintenance	93.9	96.2	101.0	101.2	118.8
Other miscellaneous [4]	162.4	146.7	172.9	192.0	209.3
INTEREST	367.1	335.2	303.1	281.2	264.2
Real estate	221.2	204.5	182.0	169.6	156.0
Nonreal estate	145.9	130.7	121.2	111.6	108.2
CONTRACT & HIRED LABOR [5]	92.8	93.4	102.1	105.7	111.9
NET RENT FOR NON-OPERATOR LANDLORD	64.1	142.3	138.6	96.3	153.5
CAPITAL CONSUMPTION	240.8	249.5	237.6	206.6	216.5
PROPERTY TAXES	85.0	80.1	80.5	82.5	85.7
NET FARM INCOME	(236.9)	220.8	316.0	212.4	460.0

[1] Details may not add to total because of rounding.
[2] Includes operator dwelling.
[3] Includes forest products sales, recreational income, and other farm business-related income.
[4] Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
[5] Includes contract labor expenses, hired labor wages and social security payments.

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA-ERS.



AGRICULTURAL SALES HIGHER IN 1989

A comparison of selected Montana industries shows a 4 percent increase in agricultural cash income for 1989. A closer look shows crop sales were up 15 percent, livestock sales up 10 percent while government payments decreased by 25 percent.

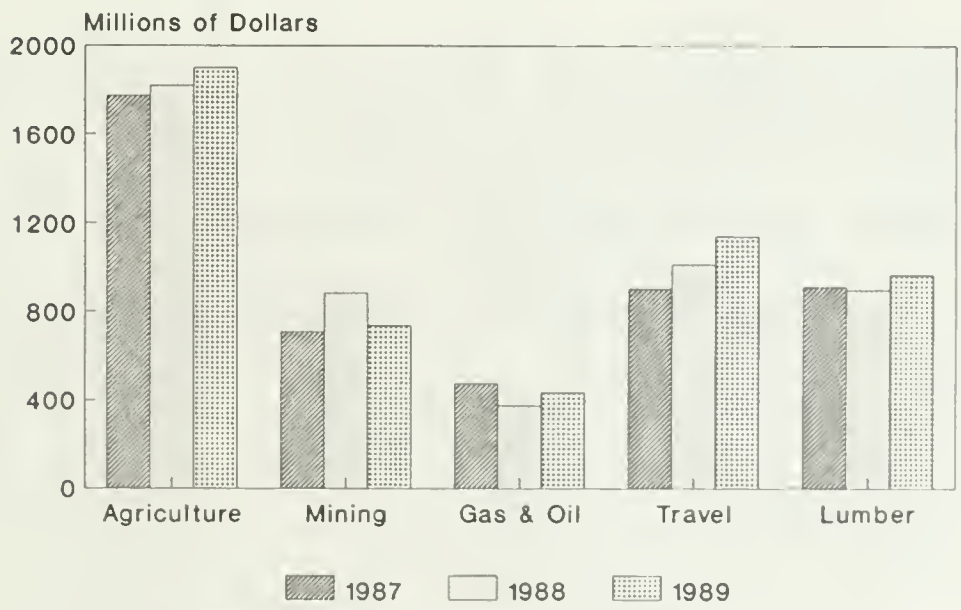
Gross sales in other industries were mixed. Travel receipts were up 12 percent while lumber was up 8 percent and gas and oil were up 17 percent. Mining of metals, including coal, was off 17 percent.

	1987	1988	1989	89/88
		--Millions of Dollars--		% Change
Agriculture [1]	1,772.1	1,819.7	1,899.2	104.4
Mining [2]	709.6	883.4	736.9	83.4
Gas & Oil [2]	476.4	374.8	437.3	116.7
Travel [3]	905.2	1,014.0	1,140.0	112.4
Lumber [4]	913.0	898.0	967.0	107.7

[1] Cash income including government payments.
[2] Gross value, Montana Department of Revenue (1989 estimate).
[3] Montana Department of Commerce, Promotion Division.
[4] Bureau of Business and Economic Research, University of Montana.

A COMPARISON OF SELECTED INDUSTRIES

Montana, 1987-1989



PRICES RECEIVED BY MONTANA FARMERS: Selected Commodities By Months, 1986-1990

Crop & Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.
ALL WHEAT						--Dollars per Bushel--							
1986	3.60	3.55	3.55	3.50	3.49	3.03	2.62	2.33	2.32	2.38	2.53	2.56	2.96
1987	2.65	2.54	2.54	2.56	2.64	2.57	2.34	2.38	2.57	2.66	2.78	2.74	2.58
1988	2.78	2.81	2.85	2.87	2.95	3.25	3.68	3.86	3.95	3.96	3.98	4.04	3.42
1989	4.01	4.03	4.08	4.13	4.06	4.10	4.00	3.81	3.77	3.71	3.70	3.77	3.93
1990	3.74	3.62	3.61	3.56	3.50	3.39	3.22	2.78					
WINTER WHEAT													
1986	3.43	3.36	3.22	3.24	3.18	2.65	2.43	2.20	2.19	2.24	2.36	2.40	2.74
1987	2.49	2.42	2.44	2.43	2.51	2.52	2.28	2.30	2.36	2.50	2.68	2.68	2.47
1988	2.73	2.77	2.80	2.82	2.83	3.01	3.30	3.31	3.55	3.79	3.83	3.89	3.22
1989	3.93	3.93	4.02	4.05	3.99	4.09	3.98	3.82	3.80	3.76	3.81	3.87	3.92
1990	3.84	3.70	3.68	3.58	3.51	3.37	3.01	2.57					
SPRING WHEAT EXCLUDING DURUM													
1986	3.83	3.84	3.88	3.76	3.83	3.24	2.87	2.50	2.43	2.47	2.65	2.67	3.16
1987	2.79	2.64	2.65	2.66	2.77	2.56	2.31	2.46	2.61	2.66	2.80	2.74	2.64
1988	2.78	2.83	2.87	2.87	2.98	3.26	3.74	3.94	4.11	4.10	4.04	4.07	3.47
1989	4.16	4.11	4.20	4.20	4.15	4.12	4.04	3.81	3.76	3.68	3.63	3.73	3.97
1990	3.69	3.57	3.58	3.56	3.50	3.40	3.29	3.01					
BARLEY													
1986	2.13	2.10	1.93	1.92	1.87	1.70	2.20	1.48	1.41	1.45	1.51	1.55	1.77
1987	1.62	1.63	1.70	1.64	1.68	1.63	2.13	1.84	2.09	1.62	2.06	2.07	1.81
1988	1.68	1.77	1.65	1.64	1.60	1.84	2.67	2.76	2.81	2.90	3.03	2.92	2.27
1989	2.95	2.98	2.77	2.85	2.72	2.41	2.15	2.61	2.21	2.06	2.17	2.12	2.50
1990	2.17	2.22	2.24	2.18	2.21	2.19	2.40	2.46					
ALL HAY						--Dollars per Ton--							
1986	85.00	89.00	90.00	90.00	84.00	72.00	55.00	55.00	51.00	53.00	52.00	51.00	68.92
1987	51.00	46.00	45.00	45.00	45.00	50.00	50.00	47.00	46.00	47.00	47.00	45.00	47.00
1988	46.00	43.00	41.00	41.00	42.00	60.00	70.00	82.00	87.00	89.00	89.00	89.00	64.92
1989	93.00	92.00	99.00	104.00	101.00	85.00	67.00	70.00	70.00	69.00	66.00	69.00	82.08
1990	71.00	70.00	66.00	67.00	67.00	66.00	67.00	66.00					
BEEF CATTLE						--Dollars per Hundredweight--							
1986	46.40	49.60	49.30	46.20	46.70	44.00	43.10	48.00	53.60	54.60	51.20	47.60	48.36
1987	55.30	59.40	60.10	61.40	56.10	51.80	51.90	59.00	67.90	67.80	62.00	60.30	59.42
1988	68.10	70.60	69.40	66.50	61.30	54.60	53.30	63.50	69.00	68.70	62.60	63.40	64.25
1989	68.20	71.50	67.20	62.60	60.90	55.10	55.20	63.80	72.20	75.50	70.20	64.70	65.54
1990	69.90	72.70	73.70	69.70	68.20	60.60	63.10	84.40					
STEERS & HEIFERS													
1986	56.50	58.00	55.50	52.40	53.70	53.30	51.80	55.20	58.30	60.20	61.10	61.20	56.43
1987	63.50	66.70	67.00	68.80	67.90	65.30	65.70	68.50	71.60	74.00	75.00	74.10	69.00
1988	80.30	78.70	77.80	75.00	73.10	70.20	69.50	75.50	76.20	81.80	79.10	79.10	76.36
1989	81.20	79.80	75.90	73.80	73.10	71.30	69.20	76.40	77.20	84.30	83.70	80.60	77.16
1990	81.40	81.70	80.80	79.40	78.40	75.30	80.00	88.30					
COWS													
1986	34.00	38.50	37.90	34.60	36.30	36.50	37.30	37.10	36.50	35.10	35.10	35.50	36.20
1987	40.10	45.70	47.40	44.50	44.20	44.60	44.40	44.70	45.90	44.30	42.70	44.80	44.44
1988	48.30	51.60	49.80	50.70	49.50	45.10	46.30	45.50	45.70	44.30	42.50	44.30	46.97
1989	45.20	47.80	46.90	45.70	46.00	46.40	48.00	48.50	48.90	46.20	45.40	47.00	46.83
1990	48.60	52.50	52.60	51.80	52.80	55.10	54.70	54.20					
CALVES													
1986	60.30	59.90	60.60	59.50	60.40	59.10	58.30	61.40	62.60	62.90	62.90	66.80	61.23
1987	70.40	72.90	72.10	74.90	72.30	74.50	72.50	85.70	88.30	83.50	84.00	85.90	78.08
1988	90.10	90.50	91.70	86.70	84.30	81.80	92.90	97.00	91.30	90.20	91.10	89.00	89.72
1989	90.20	92.20	88.60	85.10	86.10	87.70	83.90	91.80	87.80	89.00	87.60	87.60	88.20
1990	88.80	93.00	91.60	92.80	98.00	96.40	98.00	104.00					
LAMBS													
1986	66.80	69.60	59.60	57.60	58.40	68.10	70.80	66.60	64.30	64.10	71.30	76.30	66.13
1987	78.00	77.00	75.50	70.50	66.50	81.60	78.50	79.30	81.30	82.60	76.90	82.70	77.53
1988	90.60	80.20	72.80	68.70	72.20	62.50	61.30	61.90	63.60	67.60	70.00	71.20	70.22
1989	69.00	68.40	67.50	61.30	65.10	68.50	65.50	67.60	68.30	63.70	60.00	64.90	65.82
1990	58.00	67.30	64.30	55.90	55.90	59.70	52.10	49.20					
HOGS													
1986	35.40	35.80	33.60	35.50	40.10	45.50	50.40	53.20	49.20	46.70	44.60	45.80	42.98
1987	42.20	44.10	41.60	44.00	47.60	52.90	53.90	52.20	48.50	43.00	33.60	33.20	44.73
1988	33.60	40.10	35.90	34.80	40.40	40.50	38.20	40.40	35.40	34.00	31.30	33.90	36.54
1989	36.60	38.20	34.50	31.40	35.60	36.80	37.40	40.80	39.30	42.20	39.50	44.00	38.03
1990	40.00	46.10	47.10	49.30	56.70	58.10	56.60	52.30					

FERTILIZER AND FERTILIZER MATERIALS SOLD IN MONTANA [1]

MATERIALS	1984	1985	1986	1987	1988	1989
				--Tons--		
Anhydrous Ammonia	45,870	32,827	34,970	45,567	22,181	42,277
Ammonium Nitrate	80,416	64,862	63,729	63,469	54,121	63,873
Ammonium Sulfate	10,995	7,361	6,380	8,334	7,531	11,067
Ammonium Thiosulfate	3,272	1,135	1,230	1,702	836	2,299
Urea	39,684	34,726	39,725	71,185	52,774	72,253
Nitrogen Solutions	19,396	13,145	22,416	14,087	10,178	14,112
0-44-0, 0-45-0	3,699	3,332	11,664 [2]	8,567 [2]	6,334 [2]	12,198 [2]
Phosphoric Acid	1,110	1,434	--	--	--	--
Potash	18,559	16,553	17,421	19,477	17,186	21,149
Compost	197	924	1,787	1,525	730	1,506
Gypsum, Lime & Sulphur	4,027	1,994	2,083	1,499	1,541	1,353
Micronutrient Materials	1,115	1,423	352	813	608	844
AMMONIATED PHOSPHATES & MIXTURES						
18-46-0	50,984	51,446	48,063	54,282	34,004	45,914
16-20-0	16,033	17,170	14,375	12,991	10,866	14,216
11-48-0 - 11-55-0	78,492	58,429	57,992 [3]	74,877 [3]	52,891 [3]	76,372 [3]
30-10-0	1,016	536	599	789	625	38
10-34-0 (Liquid)	10,799	7,326	7,946	8,183	5,004	8,192
2-1-0 Ratios	4,721	2,843	1,885	2,851	933	2,271
1-1-0 Ratios	2,410	1,396	628	680	494	3,393
1-1-1 Ratios	1,823	383	1,399	1,335	469	354
Misc. Custom Blends	10,862	6,157	2,983	1,292	310 [4]	1,352 [4]
Misc. Spec Fertilizers	1,047	485	N/A	N/A	N/A	N/A
TOTAL All Fertilizers & Materials	406,567	325,887	337,627	393,505	279,616	395,033
TOTAL Nitrogen	115,449	91,414	96,082	120,496	117,088	117,854
TOTAL Phosphate	72,347	63,891	64,049	74,166	71,858	73,254
TOTAL Potash	11,967	10,426	10,453	11,815	12,275	12,825

[1] Montana Commercial Fertilizer Report
[2] All Phosphorus Materials
[3] 11-52-0
[4] Other

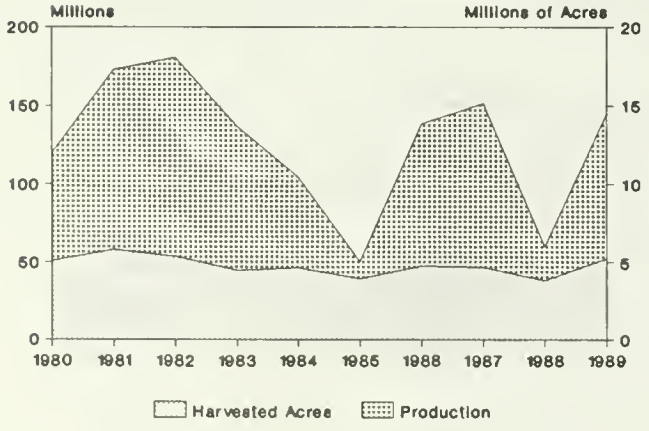
ALL WHEAT: Acreage, Production, Price, Total Value, and Value Per Acre, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			--Bushels--			--Dollars--	
1980	5,970,000	5,100,000	23.5	119,800,000	4.14	495,624,000	97.18
1981	6,040,000	5,820,000	29.7	172,830,000	3.68	636,472,000	109.36
1982	5,750,000	5,360,000	33.6	180,320,000	3.55	639,544,000	119.32
1983	4,810,000	4,455,000	30.7	136,930,000	3.69	505,238,000	113.41
1984	5,015,000	4,640,000	22.6	104,655,000	3.56	372,396,000	80.26
1985	5,660,000	3,960,000	12.7	50,240,000	3.47	174,147,000	43.98
1986	5,015,000	4,760,000	29.1	138,520,000	2.52	348,764,000	73.27
1987	4,895,000	4,690,000	32.2	151,220,000	2.74	414,186,000	88.31
1988	4,730,000	3,830,000	15.7	59,970,000	3.98	238,578,000	62.29
1989	6,340,000	5,235,000	27.7	145,030,000	3.64	528,097,500	100.88

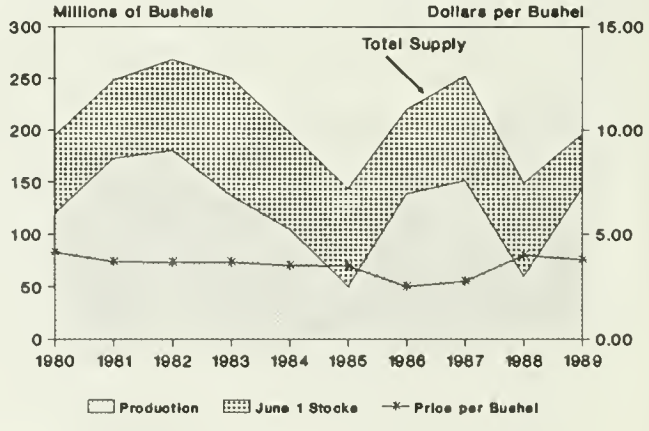
	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	108,200	54.6	5,910,800	4,991,800	22.8	113,889,200
1981	129,400	54.9	7,099,900	5,690,600	29.1	165,730,100
1982	100,000	58.3	5,826,600	5,260,000	33.2	174,493,400
1983	96,700	61.7	5,963,000	4,358,300	30.1	130,967,000
1984	114,600	55.3	6,340,900	4,525,400	21.7	98,314,100
1985	114,500	47.2	5,403,000	3,845,500	11.7	44,837,000
1986	114,500	56.2	6,433,000	4,645,500	28.4	132,087,000
1987	121,000	61.0	7,327,000	4,569,000	31.0	143,893,000
1988	112,000	44.5	4,979,000	3,718,000	14.8	54,991,000
1989	186,500	53.2	9,920,000	5,048,500	26.8	135,110,000

	NON-IRRIGATED SUMMERFALLOW			NON-IRRIGATED CONTINUOUSLY CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	4,820,700	22.9	110,572,600	171,100	19.4	3,316,600
1981	5,488,700	29.4	161,569,500	201,900	20.6	4,160,600
1982	4,944,700	33.4	165,356,700	315,300	29.0	9,136,700
1983	4,140,900	30.5	126,402,500	217,400	21.0	4,564,500
1984	4,310,400	22.0	95,021,100	215,000	15.3	3,293,000
1985	3,631,500	11.8	42,807,000	214,000	9.5	2,030,000
1986	4,035,500	28.6	115,362,000	610,000	27.4	16,725,000
1987	4,014,000	32.0	128,092,000	555,000	28.0	15,801,000
1988	3,544,700	15.0	53,221,000	173,300	10.2	1,770,000
1989	4,478,500	27.2	121,860,000	570,000	23.2	13,250,000

Montana All Wheat



Montana All Wheat



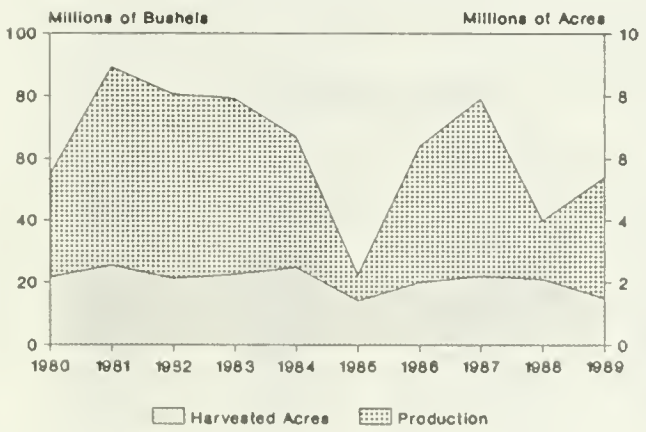
WINTER WHEAT: Acreage, Production, Price, Total Value, and Value Per Acre, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			--Bushels--			--Dollars--	
1980	2,600,000	2,150,000	25.5	54,825,000	3.90	213,818,000	99.45
1981	2,700,000	2,550,000	35.0	89,250,000	3.63	323,978,000	127.05
1982	2,450,000	2,120,000	38.0	80,560,000	3.55	285,988,000	134.90
1983	2,550,000	2,260,000	35.0	79,100,000	3.57	282,387,000	124.95
1984	2,700,000	2,480,000	27.0	66,960,000	3.46	231,682,000	93.42
1985	2,460,000	1,400,000	16.0	22,400,000	3.28	73,472,000	52.48
1986	2,150,000	2,000,000	32.0	64,000,000	2.39	152,960,000	76.48
1987	2,300,000	2,200,000	36.0	79,200,000	2.66	210,672,000	95.76
1988	2,450,000	2,100,000	19.0	39,900,000	3.86	154,014,000	73.34
1989	2,500,000	1,500,000	36.0	54,000,000	3.75	202,500,000	135.00

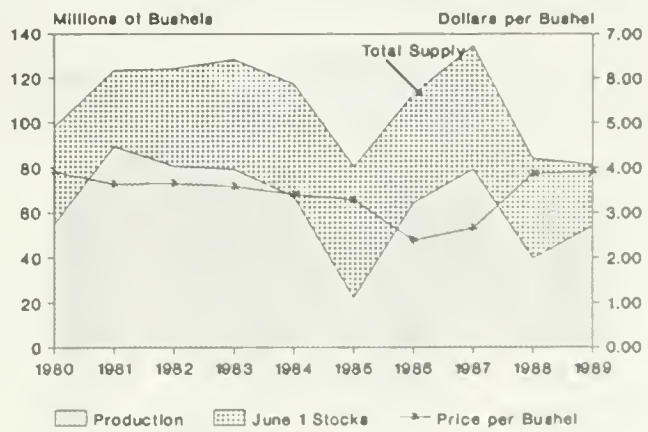
	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	23,000	56.1	1,290,200	2,127,000	25.2	53,534,800
1981	19,000	56.0	1,064,000	2,531,000	34.8	88,186,000
1982	13,000	56.5	735,000	2,107,000	37.9	79,825,000
1983	13,500	57.4	775,500	2,246,500	34.9	78,324,500
1984	19,000	56.0	1,064,000	2,461,000	26.8	65,896,000
1985	20,000	43.0	860,000	1,380,000	15.6	21,540,000
1986	15,000	61.0	915,000	1,985,000	31.8	63,085,000
1987	20,000	63.0	1,260,000	2,180,000	36.0	77,940,000
1988	23,000	50.0	1,150,000	2,077,000	19.0	38,750,000
1989	24,000	60.0	1,430,000	1,476,000	35.6	52,570,000

	NON-IRRIGATED SUMMERFALLOW			NON-IRRIGATED CONTINUOUSLY CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	2,079,500	25.3	52,611,600	47,500	19.4	923,200
1981	2,491,000	35.0	87,066,000	40,000	28.0	1,120,000
1982	2,035,000	38.2	77,664,600	72,000	30.0	2,160,400
1983	2,206,500	35.0	77,336,500	40,000	24.7	988,000
1984	2,378,000	27.0	64,319,000	83,000	19.0	1,577,000
1985	1,289,000	15.9	20,448,000	91,000	12.0	1,092,000
1986	1,690,000	32.1	54,235,000	295,000	30.0	8,850,000
1987	1,915,000	37.0	69,940,000	265,000	30.0	8,000,000
1988	1,986,700	19.0	37,650,000	90,300	12.0	1,100,000
1989	1,326,000	36.0	47,870,000	150,000	31.0	4,700,000

Montana Winter Wheat



Montana Winter Wheat



CORN: Acreage, Production, Price, Total Value, 1980-1989

	TOTAL PLANTED ACRES	HARVESTED FOR GRAIN					HARVESTED FOR SILAGE		
		Harvested Acres	Production Yield Per Acre	Production Total	Price Per Bu.	Value of Production	Harvested Acres	Production Yield Per Acre	Production Total
			--Bushels--		--Dollars--			--Tons--	
1980	85,000	8,000	74.0	592,000	3.60	2,131,000	70,000	17.5	1,225,000
1981	86,000	10,000	85.0	850,000	3.28	2,788,000	71,000	17.0	1,207,000
1982	80,000	14,000	100.0	1,400,000	2.35	3,290,000	63,000	17.5	1,103,000
1983	65,000	13,000	105.0	1,365,000	3.20	4,368,000	44,000	18.0	792,000
1984	90,000	15,000	92.0	1,380,000	3.10	4,278,000	69,000	18.0	1,242,000
1985	84,000	11,000	95.0	1,045,000	2.80	2,926,000	69,000	19.0	1,311,000
1986	80,000	13,000	115.0	1,495,000	2.10	3,140,000	63,000	19.0	1,197,000
1987	80,000	15,000	105.0	1,575,000	2.20	3,465,000	64,000	18.0	1,152,000
1988	90,000	20,000	110.0	2,200,000	3.15	6,930,000	67,000	19.0	1,273,000
1989	80,000	4,000	80.0	320,000	2.60	832,000	75,000	18.0	1,350,000

POTATOES: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt	Price Per Cwt	Value of Production	Value Per Acre
			--Cwt--			--Dollars--	
1980	7,000	6,900	250	1,725,000	8.50	14,662,500	2,125
1981	7,500	7,400	235	1,739,000	8.00	13,912,000	1,880
1982	7,500	7,400	260	1,924,000	7.50	14,430,000	1,950
1983	7,300	7,200	250	1,800,000	9.20	16,560,000	2,300
1984	7,500	7,400	260	1,924,000	9.50	18,278,000	2,470
1985	7,900	7,000	270	1,890,000	8.75	16,538,000	2,363
1986	7,800	7,700	290	2,233,000	6.65	14,849,000	1,928
1987	8,000	7,900	300	2,370,000	5.65	13,391,000	1,695
1988	7,800	7,700	280	2,156,000	7.75	16,709,000	2,170
1989	8,200	8,100	275	2,228,000	8.25	18,381,000	2,269

DRY BEANS: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt	Price Per Cwt	Value of Production	Value Per Acre
			--Cwt--			--Dollars--	
1980	12,000	11,000	1,600	176,000	25.00	4,400,000	400.00
1981	14,000	13,000	1,680	218,000	16.50	3,597,000	276.69
1982	8,500	7,000	1,680	118,000	11.00	1,298,000	185.43
1983	3,000	2,800	1,320	37,000	18.00	666,000	237.86
1984	8,500	8,000	1,900	152,000	15.00	2,280,000	285.00
1985	3,400	3,000	1,900	57,000	17.00	969,000	323.00
1986	4,800	4,500	2,160	97,000	15.00	1,455,000	323.33
1987	5,800	5,700	2,190	125,000	12.00	1,500,000	263.16
1988	4,400	4,000	1,900	76,000	28.00	2,128,000	532.00
1989	6,000	5,900	2,200	130,000	27.50	3,575,000	605.93

ALL HAY: Acreage, Production, Price, Total Value, and Value Per Acre, 1980-1989

	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Ton Baled	Value of Production	Value Per Acre
		--Tons--			--Dollars--	
1980	2,200,000	1.90	4,170,000	62.50	260,625,000	118.47
1981	2,380,000	2.09	4,964,000	48.50	240,754,000	101.16
1982	2,450,000	2.01	4,915,000	50.00	245,750,000	100.31
1983	2,170,000	1.86	4,041,000	63.00	254,583,000	117.32
1984	2,200,000	1.72	3,780,000	78.00	294,840,000	134.02
1985	1,950,000	1.42	2,760,000	84.50	233,220,000	119.60
1986	2,250,000	1.92	4,320,000	51.00	220,320,000	97.92
1987	2,200,000	1.91	4,210,000	45.00	189,450,000	86.11
1988	1,800,000	1.55	2,790,000	85.00	237,150,000	131.75
1989	2,350,000	1.90	4,470,000	70.50	315,135,000	134.10

	IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production
		--Tons--			--Tons--	
1980	1,230,000	2.45	3,010,000	970,000	1.20	1,160,000
1981	1,277,000	2.64	3,367,500	1,103,000	1.45	1,596,500
1982	1,276,900	2.51	3,206,000	1,173,100	1.46	1,709,000
1983	1,118,000	2.47	2,762,000	1,052,000	1.22	1,279,000
1984	1,317,000	2.19	2,882,500	883,000	1.02	897,500
1985	1,200,000	1.93	2,310,000	750,000	.60	450,000
1986	1,115,000	2.57	2,869,000	1,135,000	1.28	1,451,000
1987	1,120,000	2.70	2,970,000	1,080,000	1.10	1,240,000
1988	1,150,000	2.10	2,430,000	650,000	.60	360,000
1989	1,175,000	2.60	3,085,000	1,175,000	1.20	1,385,000

ALFALFA HAY: Acreage and Production, 1980-1989

	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	
Production		--Tons--			--Tons--			--Tons--	
1980	1,200,000	2.35	2,820,000	660,000	3.14	2,070,000	540,000	1.39	750,000
1981	1,360,000	2.60	3,536,000	698,400	3.46	2,418,800	661,600	1.69	1,117,200
1982	1,350,000	2.50	3,375,000	699,000	3.22	2,251,600	651,000	1.73	1,123,400
1983	1,170,000	2.30	2,691,000	608,000	3.10	1,884,800	562,000	1.43	806,200
1984	1,150,000	2.10	2,415,000	650,000	2.85	1,852,400	500,000	1.13	562,600
1985	950,000	1.80	1,710,000	600,000	2.50	1,500,000	350,000	.60	210,000
1986	1,300,000	2.30	2,990,000	680,000	3.10	2,108,000	620,000	1.42	882,000
1987	1,300,000	2.20	2,860,000	700,000	3.10	2,200,000	600,000	1.10	660,000
1988	1,100,000	1.90	2,090,000	740,000	2.50	1,850,000	360,000	.70	240,000
1989	1,350,000	2.20	2,970,000	725,000	3.00	2,200,000	625,000	1.20	770,000

OTHER HAY: Acreage and Production, 1980-1989 [1]

	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	
Production		--Tons--			--Tons--			--Tons--	
1980	1,000,000	1.35	1,350,000	570,000	1.65	940,000	430,000	.95	410,000
1981	1,020,000	1.40	1,428,000	578,600	1.64	948,700	441,400	1.09	479,300
1982	1,100,000	1.40	1,540,000	577,900	1.65	954,400	522,100	1.12	585,600
1983	1,000,000	1.35	1,350,000	510,000	1.72	877,200	490,000	.96	472,800
1984	1,050,000	1.30	1,365,000	667,000	1.54	1,030,100	383,000	.87	334,900
1985	1,000,000	1.05	1,050,000	600,000	1.35	810,000	400,000	.60	240,000
1986	950,000	1.40	1,330,000	435,000	1.75	761,000	515,000	1.10	569,000
1987	900,000	1.50	1,350,000	420,000	1.80	770,000	480,000	1.20	580,000
1988	700,000	1.00	700,000	410,000	1.40	580,000	290,000	.40	120,000
1989	1,000,000	1.50	1,500,000	450,000	2.00	885,000	550,000	1.10	615,000

[1] Includes wild, clover-timothy, grain and other hay.

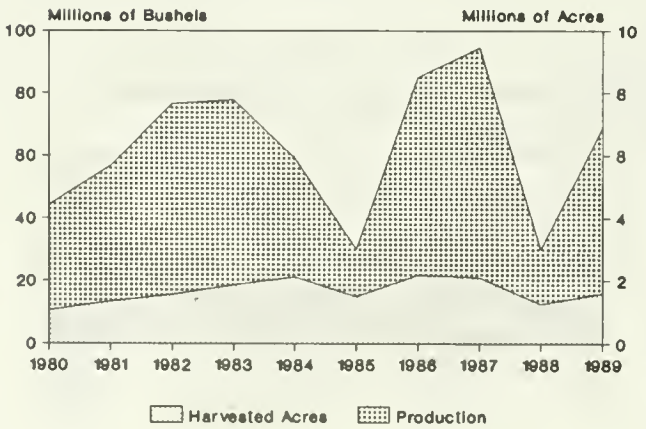
BARLEY: Acreage, Production, Price, Total Value and Value Per Acre, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
				--Bushels--		--Dollars--	
1980	1,180,000	1,050,000	42.0	44,100,000	2.83	124,803,000	118.86
1981	1,400,000	1,320,000	43.0	56,760,000	2.32	131,683,000	99.76
1982	1,650,000	1,560,000	49.0	76,440,000	2.06	157,466,000	100.94
1983	1,950,000	1,850,000	42.0	77,700,000	2.40	186,480,000	100.80
1984	2,320,000	2,110,000	28.0	59,080,000	2.41	142,383,000	67.48
1985	2,350,000	1,500,000	20.0	30,000,000	2.03	60,900,000	40.60
1986	2,400,000	2,180,000	39.0	85,020,000	1.60	136,032,000	62.40
1987	2,300,000	2,100,000	45.0	94,500,000	1.82	171,990,000	81.90
1988	1,800,000	1,250,000	24.0	30,000,000	2.82	84,600,000	67.68
1989	1,700,000	1,600,000	43.0	68,800,000	2.20	151,360,000	94.60

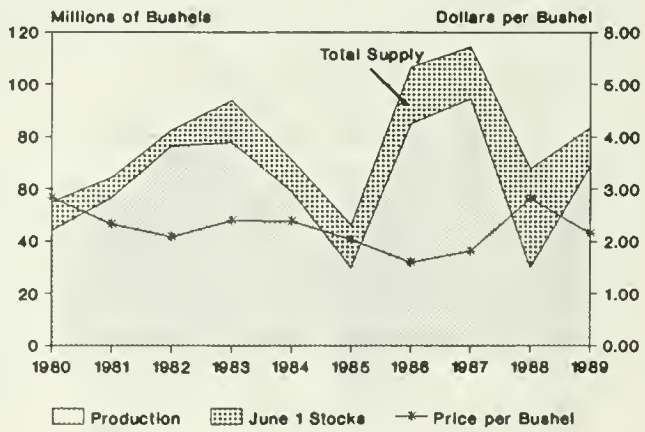
	IRRIGATED			TOTAL NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	189,000	61.0	11,529,000	861,000	37.8	32,571,000
1981	195,000	65.0	12,675,000	1,125,000	39.2	44,085,000
1982	190,200	71.4	13,575,100	1,369,800	45.9	62,864,900
1983	207,100	73.0	15,108,100	1,642,900	38.1	62,591,900
1984	225,000	65.0	14,625,000	1,885,000	23.6	44,455,000
1985	170,000	63.0	10,710,000	1,330,000	14.5	19,290,000
1986	215,000	72.0	15,480,000	1,965,000	35.4	69,540,000
1987	219,000	75.0	16,400,000	1,881,000	42.0	78,100,000
1988	215,000	59.0	12,700,000	1,035,000	17.0	17,300,000
1989	250,000	66.0	16,600,000	1,350,000	39.0	52,200,000

	NON-IRRIGATED SUMMERFALLOW			NON-IRRIGATED CONTINUOUSLY CROPPED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	708,500	38.5	27,250,500	152,500	34.9	5,320,500
1981	882,700	39.4	34,816,200	242,300	38.3	9,268,800
1982	845,600	48.1	40,645,000	524,200	42.4	22,219,900
1983	1,096,400	39.5	43,320,900	546,500	35.3	19,271,000
1984	1,291,000	24.3	31,387,000	594,000	22.0	13,068,000
1985	990,000	15.0	14,870,000	340,000	13.0	4,420,000
1986	1,250,000	35.6	44,515,000	715,000	35.0	25,025,000
1987	1,226,000	44.0	53,600,000	655,000	37.0	24,500,000
1988	835,000	18.0	14,770,000	200,000	13.0	2,530,000
1989	845,000	39.0	33,153,000	505,000	38.0	19,047,000

Montana Barley



Montana Barley



OATS: Acreage, Production, Price, Total Value and Value Per Acre, 1980-1989

Acre	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per
			--Bushels--			--Dollars--	
1980	220,000	73,000	44.0	3,212,000	1.96	6,296,000	86.25
1981	220,000	110,000	44.0	4,840,000	1.89	9,148,000	83.16
1982	260,000	150,000	51.0	7,650,000	1.53	11,705,000	77.01
1983	210,000	120,000	44.0	5,280,000	1.58	8,342,000	69.52
1984	220,000	105,000	37.0	3,885,000	1.77	6,876,000	65.49
1985	225,000	70,000	33.0	2,310,000	1.50	3,465,000	49.50
1986	200,000	90,000	46.0	4,140,000	1.37	5,672,000	63.02
1987	235,000	110,000	55.0	6,050,000	1.49	9,015,000	81.95
1988	210,000	90,000	31.0	2,790,000	2.26	6,305,000	70.06
1989	250,000	145,000	46.0	6,670,000	1.45	9,672,000	66.70

	IRRIGATED			NON-IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	--Acres--	--Bushels--		--Acres--	--Bushels--	
1980	20,100	67.0	1,346,700	52,900	35.3	1,865,300
1981	24,000	69.0	1,656,000	86,000	37.0	3,184,000
1982	32,000	72.4	2,315,400	118,000	45.2	5,334,600
1983	24,300	74.9	1,819,200	95,700	36.2	3,460,800
1984	27,000	60.0	1,620,000	78,000	29.0	2,265,000
1985	21,000	61.0	1,281,000	49,000	21.0	1,029,000
1986	24,000	70.0	1,680,000	66,000	37.3	2,460,000
1987	21,000	81.0	1,700,000	89,000	49.0	4,350,000
1988	24,000	68.0	1,620,000	66,000	18.0	1,170,000
1989	36,000	74.0	2,670,000	109,000	37.0	4,000,000

CORN: Acreage, Production, Price, Total Value, 1980-1989

	HARVESTED FOR GRAIN					HARVESTED FOR SILAGE		
	TOTAL PLANTED ACRES	Harvested Acres	Production Yield Per Acre	Production Total	Price Per Bu.	Value of Production	Harvested Acres	Production Yield Per Acre	Production Total
		--Bushels--			--Dollars--		--Tons--		
1980	85,000	8,000	74.0	592,000	3.60	2,131,000	70,000	17.5	1,225,000
1981	86,000	10,000	85.0	850,000	3.28	2,788,000	71,000	17.0	1,207,000
1982	80,000	14,000	100.0	1,400,000	2.35	3,290,000	63,000	17.5	1,103,000
1983	65,000	13,000	105.0	1,365,000	3.20	4,368,000	44,000	18.0	792,000
1984	90,000	15,000	92.0	1,380,000	3.10	4,278,000	69,000	18.0	1,242,000
1985	84,000	11,000	95.0	1,045,000	2.80	2,926,000	69,000	19.0	1,311,000
1986	80,000	13,000	115.0	1,495,000	2.10	3,140,000	63,000	19.0	1,197,000
1987	80,000	15,000	105.0	1,575,000	2.20	3,465,000	64,000	18.0	1,152,000
1988	90,000	20,000	110.0	2,200,000	3.15	6,930,000	67,000	19.0	1,273,000
1989	80,000	4,000	80.0	320,000	2.60	832,000	75,000	18.0	1,350,000

POTATOES: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt	Price Per Cwt	Value of Production	Value Per Acre
			--Cwt--			--Dollars--	
1980	7,000	6,900	250	1,725,000	8.50	14,662,500	2,125
1981	7,500	7,400	235	1,739,000	8.00	13,912,000	1,880
1982	7,500	7,400	260	1,924,000	7.50	14,430,000	1,950
1983	7,300	7,200	250	1,800,000	9.20	16,560,000	2,300
1984	7,500	7,400	260	1,924,000	9.50	18,278,000	2,470
1985	7,900	7,000	270	1,890,000	8.75	16,538,000	2,363
1986	7,800	7,700	290	2,233,000	6.65	14,849,000	1,928
1987	8,000	7,900	300	2,370,000	5.65	13,391,000	1,695
1988	7,800	7,700	280	2,156,000	7.75	16,709,000	2,170
1989	8,200	8,100	275	2,228,000	8.25	18,381,000	2,269

DRY BEANS: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total Cwt	Price Per Cwt	Value of Production	Value Per Acre
			--Cwt--			--Dollars--	
1980	12,000	11,000	1,600	176,000	25.00	4,400,000	400.00
1981	14,000	13,000	1,680	218,000	16.50	3,597,000	276.69
1982	8,500	7,000	1,680	118,000	11.00	1,298,000	185.43
1983	3,000	2,800	1,320	37,000	18.00	666,000	237.86
1984	8,500	8,000	1,900	152,000	15.00	2,280,000	285.00
1985	3,400	3,000	1,900	57,000	17.00	969,000	323.00
1986	4,800	4,500	2,160	97,000	15.00	1,455,000	323.33
1987	5,800	5,700	2,190	125,000	12.00	1,500,000	263.16
1988	4,400	4,000	1,900	76,000	28.00	2,128,000	532.00
1989	6,000	5,900	2,200	130,000	27.50	3,575,000	605.93

ALL HAY: Acreage, Production, Price, Total Value, and Value Per Acre, 1980-1989

	ACRES	PRODUCTION		VALUE		
	Harvested	Yield Per Acre	Total	Price Per Ton Baled	Value of Production	Value Per Acre
		--Tons--			--Dollars--	
1980	2,200,000	1.90	4,170,000	62.50	260,625,000	118.47
1981	2,380,000	2.09	4,964,000	48.50	240,754,000	101.16
1982	2,450,000	2.01	4,915,000	50.00	245,750,000	100.31
1983	2,170,000	1.86	4,041,000	63.00	254,583,000	117.32
1984	2,200,000	1.72	3,780,000	78.00	294,840,000	134.02
1985	1,950,000	1.42	2,760,000	84.50	233,220,000	119.60
1986	2,250,000	1.92	4,320,000	51.00	220,320,000	97.92
1987	2,200,000	1.91	4,210,000	45.00	189,450,000	86.11
1988	1,800,000	1.55	2,790,000	85.00	237,150,000	131.75
1989	2,350,000	1.90	4,470,000	70.50	315,135,000	134.10

	IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production
		--Tons--			--Tons--	
1980	1,230,000	2.45	3,010,000	970,000	1.20	1,160,000
1981	1,277,000	2.64	3,367,500	1,103,000	1.45	1,596,500
1982	1,276,900	2.51	3,206,000	1,173,100	1.46	1,709,000
1983	1,118,000	2.47	2,762,000	1,052,000	1.22	1,279,000
1984	1,317,000	2.19	2,882,500	883,000	1.02	897,500
1985	1,200,000	1.93	2,310,000	750,000	.60	450,000
1986	1,115,000	2.57	2,869,000	1,135,000	1.28	1,451,000
1987	1,120,000	2.70	2,970,000	1,080,000	1.10	1,240,000
1988	1,150,000	2.10	2,430,000	650,000	.60	360,000
1989	1,175,000	2.60	3,085,000	1,175,000	1.20	1,385,000

ALFALFA HAY: Acreage and Production, 1980-1989

	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	
Production		--Tons--			--Tons--			--Tons--	
1980	1,200,000	2.35	2,820,000	660,000	3.14	2,070,000	540,000	1.39	750,000
1981	1,360,000	2.60	3,536,000	698,400	3.46	2,418,800	661,600	1.69	1,117,200
1982	1,350,000	2.50	3,375,000	699,000	3.22	2,251,600	651,000	1.73	1,123,400
1983	1,170,000	2.30	2,691,000	608,000	3.10	1,884,800	562,000	1.43	806,200
1984	1,150,000	2.10	2,415,000	650,000	2.85	1,852,400	500,000	1.13	562,600
1985	950,000	1.80	1,710,000	600,000	2.50	1,500,000	350,000	.60	210,000
1986	1,300,000	2.30	2,990,000	680,000	3.10	2,108,000	620,000	1.42	882,000
1987	1,300,000	2.20	2,860,000	700,000	3.10	2,200,000	600,000	1.10	660,000
1988	1,100,000	1.90	2,090,000	740,000	2.50	1,850,000	360,000	.70	240,000
1989	1,350,000	2.20	2,970,000	725,000	3.00	2,200,000	625,000	1.20	770,000

OTHER HAY: Acreage and Production, 1980-1989 [1]

	TOTAL			IRRIGATED			NON-IRRIGATED		
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	
Production		--Tons--			--Tons--			--Tons--	
1980	1,000,000	1.35	1,350,000	570,000	1.65	940,000	430,000	.95	410,000
1981	1,020,000	1.40	1,428,000	578,600	1.64	948,700	441,400	1.09	479,300
1982	1,100,000	1.40	1,540,000	577,900	1.65	954,400	522,100	1.12	585,600
1983	1,000,000	1.35	1,350,000	510,000	1.72	877,200	490,000	.96	472,800
1984	1,050,000	1.30	1,365,000	667,000	1.54	1,030,100	383,000	.87	334,900
1985	1,000,000	1.05	1,050,000	600,000	1.35	810,000	400,000	.60	240,000
1986	950,000	1.40	1,330,000	435,000	1.75	761,000	515,000	1.10	569,000
1987	900,000	1.50	1,350,000	420,000	1.80	770,000	480,000	1.20	580,000
1988	700,000	1.00	700,000	410,000	1.40	580,000	290,000	.40	120,000
1989	1,000,000	1.50	1,500,000	450,000	2.00	885,000	550,000	1.10	615,000

[1] Includes wild, clover-timothy, grain and other hay.

SWEET CHERRIES: Production, Price, and Value, 1980-1989

	PRODUCTION		VALUE	
	Production	Production Having Value	Average Price Per Ton	Value of Production
	--Tons--		Dollars	Thou. Dols.
1980	700	700	621.00	435
1981	1,240	1,240	711.00	882
1982	3,400	3,100	624.00	1,934
1983	1,800	1,365	457.00	624
1984	2,300	1,400	666.00	932
1985	4,600	3,500	644.00	2,255
1986	1,600	1,000	480.00	480
1987	3,800	2,600	877.00	2,280
1988	3,300	1,900	548.00	1,042
1989 [1]	0	0	0	0

[1] Freeze out, no commercial production.

SUGAR BEETS: Acreage, Production, Price, Total Value, and Value Per Acre, 1980-1989

	ACRES		PRODUCTION		VALUE		
	Planted	Harvested	Yield Per Acre	Total	Price Per Ton [1]	Value of Production [1]	Value Per Acre [1]
			--Tons--			--Dollars--	
1980	44,200	43,300	20.3	879,000	51.40	45,181,000	1,043
1981	44,700	44,500	20.8	926,000	37.20	34,447,000	774
1982	43,100	43,000	19.8	850,000	42.40	36,040,000	838
1983	41,600	41,300	19.8	818,000	37.60	30,757,000	745
1984	25,200	24,600	16.9	416,000	35.50	14,768,000	600
1985	43,500	42,700	19.0	811,000	35.10	28,466,000	667
1986	47,200	46,800	21.7	1,016,000	39.10	39,726,000	849
1987	49,200	48,900	22.2	1,086,000	42.20	45,829,000	937
1988	49,600	48,900	21.1	1,032,000	45.20	46,646,400	954
1989	52,700	51,900	19.9	1,033,000			

[1] Excludes Government payments.

STOCKS OF MAJOR GRAINS 1981-1990

Crop & Year	MARCH 1 [1]		JUNE 1		SEPTEMBER 1 [1]		DECEMBER 1 [1]	
	On Farm Total	Total All Positions [2]	On Farm Total	Total All Positions [2]	On Farm Total	Total All Positions [2]	On Farm Total	Total All Positions [2]
	--Thousand Bushels--							
ALL WHEAT								
1981	76,672	94,250	61,098	75,766	171,102	201,135	131,351	158,393
1982	101,970	120,105	74,317	88,257	205,565	234,709	169,501	197,644
1983	113,602	138,576	91,963	113,774	167,055	203,575	130,084	161,030
1984	97,220	122,710	72,573	93,630	130,819	161,220	109,888	141,913
1985	80,584	110,454	66,979	93,105	81,891	114,841	69,331	104,513
1986	52,250	86,848	48,230	81,060	146,000	186,790	124,000	162,901
1987	85,000	120,521	60,000	101,210	165,000	217,608	129,000	172,624
1988	92,000	127,495	64,000	88,997	87,000	119,183	71,000	99,035
1989	51,000	73,448	39,000	51,095	150,000	174,265	114,000	142,119
1990	75,000	99,440	44,000	57,158	140,000	162,000		
WINTER WHEAT								
1981	29,822	39,649	25,749	34,273	81,514	98,754	65,464	81,538
1982	50,623	61,549	35,479	43,748	93,076	107,528	72,815	88,533
1983	43,161	57,515	37,829	49,354	92,428	111,946	69,915	86,169
1984	51,504	65,365	37,963	50,225	78,182	96,907	64,842	85,358
1985	44,620	64,091	40,610	57,980	46,928	68,344	37,027	59,760
1986	31,816	53,072	28,454	48,709	72,000	96,602	61,000	84,145
1987	41,000	62,242	31,000	55,466	83,000	114,590	65,000	89,964
1988	45,000	65,338	31,000	44,151	50,000	68,393	39,000	55,777
1989	25,500	38,691	20,500	27,078	52,000	64,130	43,000	52,957
1990	25,000	33,437	19,000	23,807	80,000	93,000		
DURUM WHEAT								
1981	[3]	7,418	[3]	5,441	[3]	13,776	[3]	12,524
1982	[3]	10,044	[3]	8,135	[3]	17,320	[3]	16,835
1983	[3]	14,594	[3]	14,111	[3]	13,453	[3]	12,588
1984	[3]	10,825	[3]	9,407	[3]	11,084	[3]	10,294
1985	[3]	9,298	[3]	7,303	[3]	6,323	[3]	6,043
1986	[3]	5,610	[3]	5,488	[3]	9,175	[3]	7,775
1987	[3]	6,649	[3]	4,748	[3]	10,374	[3]	8,644
1988	[3]	6,368	[3]	4,067	[3]	5,263	[3]	4,103
1989	[3]	3,322	[3]	3,234	[3]	9,020	[3]	8,092
1990	[3]	7,667	[3]	6,656	[3]	9,000		
ALL SPRING WHEAT								
1981	46,850	54,601	35,349	41,493	89,588	102,381	65,887	76,855
1982	51,347	58,556	38,838	44,509	112,489	127,181	96,686	109,111
1983	70,441	81,061	54,134	64,420	74,627	91,629	60,169	74,861
1984	45,716	57,345	34,610	43,405	52,637	64,313	45,046	56,555
1985	35,964	46,363	26,369	35,125	34,963	46,497	32,304	44,753
1986	20,434	33,776	19,776	32,351	74,000	90,188	63,000	78,756
1987	44,000	58,279	29,000	45,744	82,000	103,018	64,000	82,660
1988	47,000	62,157	33,000	44,846	37,000	50,790	32,000	43,258
1989	25,500	34,757	18,500	24,017	98,000	110,135	71,000	89,162
1990	50,000	66,003	25,000	33,351	60,000	69,000		
OATS								
1981	2,570	2,787	2,152	2,296	4,840	5,137	4,114	4,372
1982	2,178	2,478	1,694	1,877	8,033	8,485	6,885	7,308
1983	4,055	4,388	3,443	3,679	6,072	6,369	5,386	5,695
1984	3,115	3,553	2,165	2,289	4,740	4,867	4,351	4,497
1985	2,448	2,568	1,709	1,812	3,003	3,383	2,495	2,895
1986	[3]	[3]	993	1,343	[3]	[3]	[3]	[3]
1987	[3]	[3]	1,200	1,360	[3]	[3]	[3]	[3]
1988	[3]	[3]	2,500	2,645	[3]	[3]	[3]	[3]
1989	[3]	[3]	1,400	1,550	[3]	[3]	[3]	[3]
1990	5,200	5,400	2,500	2,662	6,000	6,500		
BARLEY								
1981	10,584	12,765	6,615	7,579	45,408	50,099	28,948	32,629
1982	13,622	15,972	5,108	6,185	62,681	67,681	45,864	50,591
1983	28,283	33,212	12,995	15,985	60,606	68,925	37,296	42,962
1984	17,094	22,413	10,101	12,251	49,036	56,003	38,402	45,184
1985	20,678	25,421	12,998	16,280	30,000	39,098	27,600	32,811
1986	[3]	[3]	12,900	21,502	[3]	[3]	[3]	[3]
1987	[3]	[3]	14,000	19,964	84,000	94,175	65,000	74,891
1988	42,000	51,607	30,000	37,931	33,000	44,364	26,000	37,739
1989	17,000	23,924	10,000	14,856	60,000	67,503	45,000	54,955
1990	27,000	36,000	10,000	14,840	50,000	57,000		

[1] Quarters prior to September 1, 1986 were January 1, April 1, June 1, and October 1.
[2] Includes farm stock at mills, elevators, warehouses, terminals, processors and stocks owned by Commodity Credit Corporation.
[3] Data not available for publication.

WHEAT: Shipped Out of State by Class and Destination, 1980-1989

YEAR [1]	ALL WHEAT				WINTER WHEAT				SPRING WHEAT [2]			
	East	West	Other [3]	Total	East	West	Other [3]	Total	East	West	Other [3]	Total
	--Thousand Bushels--				--Thousand Bushels--				--Thousand Bushels--			
1980	5,179	72,908	1,185	79,272	2,384	36,755	484	39,623	2,795	36,153	701	39,649
1981	3,949	94,646	724	99,319	1,783	46,239	331	48,353	2,166	48,407	393	50,966
1982	2,627	120,264	806	123,697	672	61,045	130	61,847	1,955	59,219	676	61,850
1983	4,289	113,142	1,481	118,912	909	51,154	203	52,266	3,380	61,988	1,278	66,646
1984	2,368	81,667	1,948	85,983	636	44,743	512	45,891	1,732	36,924	1,436	40,092
1985	3,822	49,698	2,736	56,256	578	21,073	204	21,855	3,244	28,625	2,532	34,401
1986	2,653	92,793	2,773	98,219	743	45,486	858	47,087	1,910	47,307	1,915	51,132
1987	2,801	133,412	2,197	138,410	626	71,829	727	73,182	2,175	61,584	1,469	65,228
1988	1,025	72,609	1,002	74,636	270	39,898	538	40,706	755	32,710	465	33,930
1989	1,677	99,510	957	102,144	318	46,869	368	47,555	1,359	52,641	589	54,589

[1] Crop year June through May.
[2] Includes durum wheat.
[3] Other and unknown.

WHEAT: Shipped Out of State By Class, District, Mode, and Destination [1], June 1988-May 1990

DISTRICT OF ORIGIN, MODE, & DESTINATION	JUNE 1988-MAY 1989			JUNE 1989-MAY 1990		
	Winter Wheat	Spring Wheat [2]	All Wheat	Winter Wheat	Spring Wheat [2]	All Wheat
		--Thousand Bushels--			--Thousand Bushels--	
WEST [3]	1,064	2,164	3,228	936	2,351	3,287
NORTH CENTRAL	19,642	16,275	35,917	18,814	33,055	51,869
NORTHEAST	2,260	10,553	12,813	1,929	11,501	13,430
CENTRAL	10,817	3,526	14,343	15,714	5,063	20,777
SOUTH CENTRAL	5,537	701	6,238	7,365	1,001	8,367
SOUTHEAST	1,386	711	2,097	2,795	1,618	4,414
STATE						
Truck East	270	127	397	119	220	339
Truck West	7,318	4,232	11,550	6,634	4,846	11,480
Truck Other [3]	456	234	690	209	204	413
Total by Truck	8,044	4,593	12,637	6,962	5,270	12,232
Rail East	0	628	628	199	1,139	1,338
Rail West	32,580	28,478	61,058	40,235	47,795	88,030
Rail Other [4]	82	231	313	159	385	544
Total by Rail	32,662	29,337	61,999	40,593	49,319	89,912
Total Wheat Shipped	40,706	33,930	74,636	47,555	54,589	102,144

[1] Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.
[2] Includes durum wheat.
[3] Northwest and Southwest combined to avoid disclosure of individual operations.
[4] Other and unknown.

NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

ALL WHEAT: Production, Stocks, and Utilization, By Marketing Years 1984-1988

SUPPLY	1984	1985	1986	1987	1988
			--Million Bushels--		
Beginning stocks [1]	93.6	93.1	81.1	101.2	89.0
Production	104.7	50.2	138.5	151.2	60.0
Total Supply	198.3	143.3	219.6	252.4	149.0
DISPOSITION					
Recorded movement out of State [2]	88.3	56.3 [5]	98.2 [5]	138.1 [5]	74.6 [5]
Milled for flour in Montana	6.4				
Used for seed in Montana	5.6	4.9	4.8	4.6	6.2
Used for livestock feed [3]	2.0	8.4 [5]	8.5 [5]	9.0 [5]	8.0 [5]
Unaccounted disappearance (to balance) [4]	2.9	-7.4	6.9	11.7	9.1
Total Disposition	105.2	62.2	118.4	163.4	97.9
Ending Stocks [1]	93.1	81.1	101.2	89.0	51.1

[1] Farm, commercial--June 1 stocks.
[2] Reported by elevators, licensed truckers and special survey of truck destinations and barge traffic.
[3] Utilization for feed--on farms where grown, cattle feeders, feed mills and purchased by other farmers for feed.
[4] Due to unknowns in components, probably most is unrecorded truck movement.
[5] Milled for flour combined with livestock feed to avoid individual disclosure.

ALL WHEAT: Movement to Pacific Northwest, Utilization, and Exports [1], By Marketing Years [2], 1984-1988

ITEM	1984	1985	1986	1987	1988
			--Million Bushels--		
Beginning Stocks [3]	93.6	93.1	81.1	101.2	89.0
Production	104.7	50.2	138.5	151.2	60.0
Ending Stocks	-93.1	-81.1	-101.2	-89.0	-51.1
Total Disposition [4]	105.2	62.2	118.4	163.4	97.9
Shipments of wheat into Pacific Northwest [5] (adjusted for unaccounted disappearance)	79.7	45.5	94.1	137.8	75.8
Estimated Montana wheat milled for flour in Pacific Northwest (includes bulgar) [6]	18.9	18.4	20.0	22.5	21.5
Estimated Montana wheat exported from Pacific Northwest ports [7]	60.8	27.1	79.3	115.3	54.3
Percent of total disposition	58%	44%	67%	71%	55%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific Northwest ports	163.5	154.2	167.8	225.8	193.7
Montana exports as percent of total HRS, HRW and Durum exports from Pacific Northwest ports	37%	18%	47%	51%	28%

[1] Pacific Northwest--Oregon and Washington.
[2] June 1 - May 31.
[3] June 1 stocks.
[4] Beginning stocks plus production minus ending stocks.
[5] Source: Montana Grain Movement project.
[6] Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington or other states.
[7] Estimated Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.

NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

MONTANA WHEAT VARIETIES: Percent of Total Seeded Acreage 1985-1990 & Seeded Acreage 1989 [1]-1990 [2]

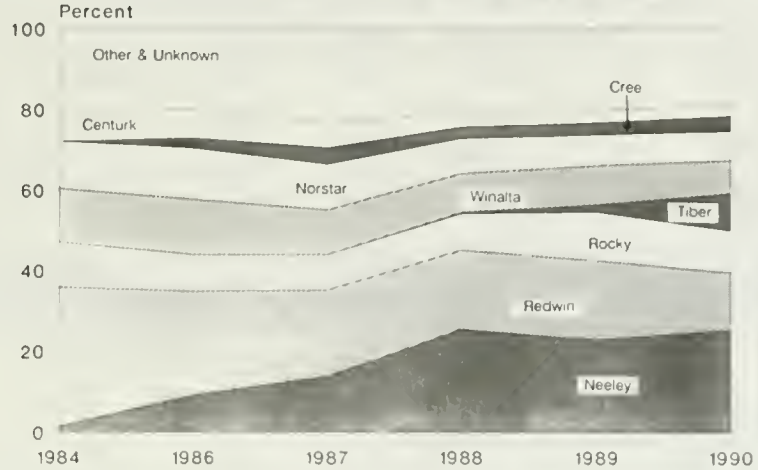
CLASS & VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACREAGE	
	1985	1986	1987	1988	1989	1990	1989 [1]	1990 [2]
							--(000)--	
WINTER WHEAT								
Neeley	1.3	9.0	13.7	25.5	22.8	25.3	571.1	683.5
Redwin	34.6	25.9	21.5	19.6	19.8	14.3	495.3	387.2
Rocky	11.1	9.0	8.7	9.0	12.0	10.4	300.5	281.5
Tiber	--	--	--	0.3	1.9	9.4	47.2	253.0
Winalta	13.4	13.8	11.2	9.8	9.7	8.2	241.6	220.2
Norstar	11.7	12.7	11.3	8.7	7.6	7.2	191.4	195.2
Cree	--	2.6	4.2	2.9	3.1	3.9	78.7	105.8
Centurk	6.6	7.2	6.1	3.8	3.0	2.7	73.9	73.1
Roughrider	4.0	2.6	4.5	4.1	2.0	1.9	49.6	51.5
Cheyenne	5.1	2.4	3.4	1.7	1.4	1.7	34.3	45.8
Sage	0.1	0.3	0.6	1.1	0.6	1.5	14.5	39.8
Weston	0.5	0.8	1.0	1.1	1.6	1.4	40.7	36.9
Thunderbird	--	--	0.2	0.4	0.5	1.1	12.6	29.5
Warrior	1.5	0.7	0.6	0.8	1.0	1.1	25.2	28.6
Agassiz	--	0.1	1.0	1.1	1.1	0.8	27.9	20.9
Norwin	--	--	0.8	2.2	1.3	0.7	33.5	19.9
Hawk	0.1	0.4	0.2	0.6	1.2	0.7	30.1	18.4
McDermid [3]	--	--	0.4	0.1	0.0	0.7	0.8	17.8
Other & Unknown	10.0	12.5	10.6	7.2	9.4	7.0	231.1	191.4
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2,500.0	2,700.0
SPRING WHEAT								
Newana	21.8	22.9	21.0	16.2	19.3	17.3	676.0	487.7
Rambo	--	--	0.4	6.6	8.4	16.9	295.0	476.7
Lew	10.0	11.5	10.4	10.4	9.7	11.4	339.8	318.4
Len	12.4	11.9	11.3	15.1	16.1	11.0	564.5	307.5
Stoa	--	4.4	4.2	10.3	8.0	9.3	278.9	259.3
Fortuna	12.0	18.2	19.7	11.8	13.8	9.1	483.3	254.3
Amidon (ND 606)	--	--	--	--	0.6	4.6	21.4	128.2
Olaf	9.5	5.7	5.7	5.9	6.2	4.1	215.3	114.9
Pondera	2.3	1.9	3.0	1.8	2.5	2.1	88.1	59.8
Glenman	--	0.3	1.7	1.1	2.2	1.6	76.5	44.5
Northrup K. 751	1.5	3.3	1.8	0.9	0.5	1.3	16.3	37.0
Tioga	2.9	1.5	3.8	3.1	1.2	1.2	41.5	33.2
Solar	--	--	1.3	0.6	0.3	0.7	12.2	19.3
Leader	0.1	0.8	1.5	0.9	1.2	0.6	40.9	16.7
Cutlass	--	--	0.2	1.1	0.5	0.6	17.3	15.6
Success	--	--	1.4	2.4	1.0	0.5	34.0	12.6
Butte	4.0	2.5	1.9	0.8	0.5	0.4	16.2	12.2
Alex	0.4	0.7	1.3	0.8	0.8	0.4	28.8	10.5
Westbred 906R	--	--	0.5	0.2	0.2	0.4	6.1	10.3
Other & Unknown	23.1	14.4	8.9	10.0	7.0	6.5	247.9	181.3
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	3,500.0	2,800.0
DURUM WHEAT								
Vic	36.9	29.6	52.1	29.7	27.4	24.6	93.3	60.2
Medora	--	--	1.4	8.6	7.8	19.6	26.4	48.1
Monroe	--	--	0.3	6.1	8.3	14.4	28.4	35.2
Westbred Laker	--	0.3	3.0	4.0	15.2	11.4	51.7	28.1
Ward	22.0	19.5	12.3	17.0	18.5	10.5	62.8	25.6
Crosby	9.8	8.3	9.9	14.7	6.3	4.4	21.3	10.7
Wakooma	--	--	--	0.7	1.3	4.1	4.5	10.1
Cando	3.7	1.9	3.4	1.8	6.6	2.2	22.3	5.4
Lloyd	2.1	16.6	4.1	6.6	4.6	1.2	15.6	2.9
Wascana	--	0.4	--	1.7	--	1.0	--	2.4
Rolette	10.7	1.6	3.6	2.6	--	0.8	--	2.0
Renville	--	--	--	--	--	0.6	--	1.5
Other & Unknown	14.8	21.8	9.9	6.5	4.0	5.2	13.7	12.8
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	340.0	245.0

[1] Revised [2] Preliminary [3] Soft White Wheat

NOTE: Funding for wheat varieties was provided by the Montana Wheat & Barley Committee.

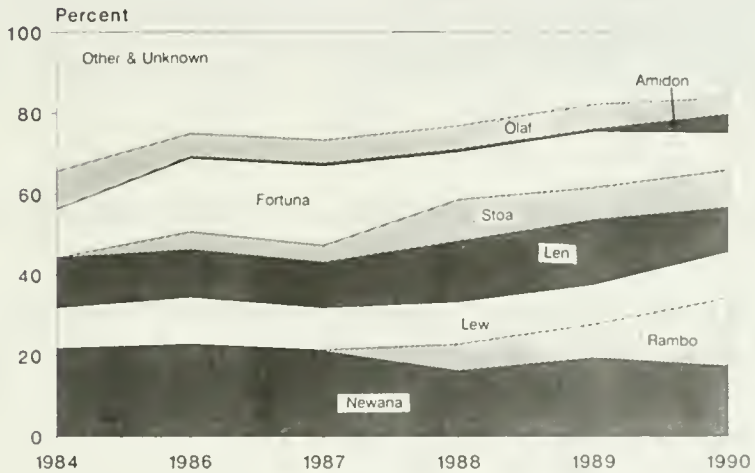
Winter Wheat Varieties, Montana, 1984-1990 [1]

Major Varieties as a Percent of Total Acreage



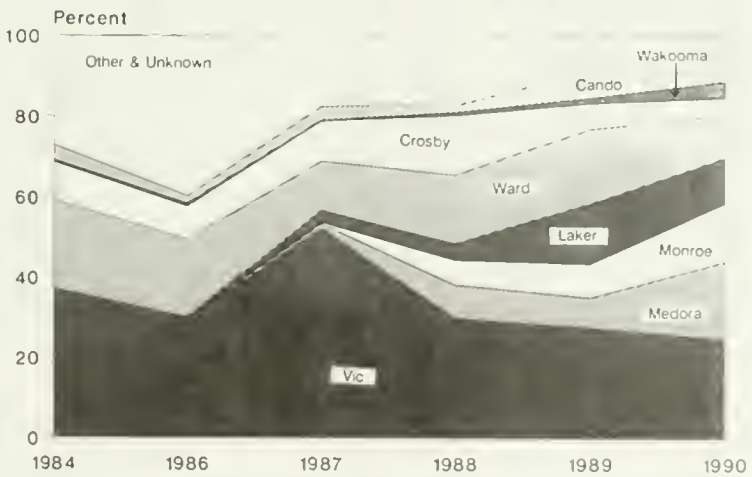
Spring Wheat Varieties, Montana, 1984-1990 [1]

Major Varieties as a Percent of Total Acreage



Durum Wheat Varieties, Montana, 1984-1990 [1]

Major Varieties as a Percent of Total Acreage



[1] 1985 not funded.

MONTANA BARLEY VARIETIES: Percent of Total Seeded Acreage 1985-1990 & Seeded Acreage 1989 [1]-1990 [2]

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACREAGE	
	1985	1986	1987	1988	1989	1990	1989 [1]	1990 [2]
							--(000)--	
Harrington [3]	--	1.9	9.4	10.5	15.6	23.1	266.3	369.7
Hector	32.9	33.9	31.9	31.8	29.8	22.2	507.6	354.4
Piroline	20.1	18.7	13.0	11.3	7.3	7.5	124.2	120.0
Klages [3]	8.6	11.5	14.6	11.0	9.8	7.3	167.4	117.3
Gallatin	--	--	0.1	2.6	6.0	5.5	101.9	88.0
Clark [3]	15.8	16.7	10.9	6.7	7.2	4.6	121.7	74.1
Morex [3]	0.7	0.8	1.2	1.9	2.3	4.2	38.6	66.5
Moravian III [3]	0.5	0.4	0.5	1.0	1.2	2.6	20.0	41.1
Bowman	--	1.7	2.9	5.1	3.0	2.5	50.9	39.8
AB 1202	--	--	--	0.3	1.2	2.4	20.1	38.2
Lewis	--	0.6	1.8	3.2	2.4	2.1	41.3	33.5
AB 2601	--	--	--	--	1.4	2.1	23.3	32.8
Kimberly	3.0	1.1	2.7	2.5	2.4	1.9	41.4	30.7
Horsford	1.7	0.7	0.8	0.7	1.6	1.6	27.2	27.1
Menuet	1.8	1.8	2.2	1.7	1.1	1.3	18.8	20.4
Russell	--	--	--	0.2	0.3	1.2	4.6	18.9
Unitan	1.3	0.7	0.5	0.6	0.6	0.8	9.4	12.4
Summit	2.5	1.0	0.7	1.1	0.4	0.5	7.2	8.2
AB 1603	--	--	--	--	--	0.4	--	7.0
Sprinter	--	--	--	--	--	0.4	--	6.2
Whitford	--	--	0.1	0.1	0.1	0.4	1.7	6.2
Westbred 501	0.2	0.2	0.2	0.3	0.3	0.4	4.5	5.6
Unknown	10.9	8.3	6.5	7.4	6.0	5.0	101.9	81.9
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	1,700.0	1,600.0

[1] Revised [2] Preliminary [3] American Malting Barley Improvement Association, Inc. recommended malting varieties for Montana.

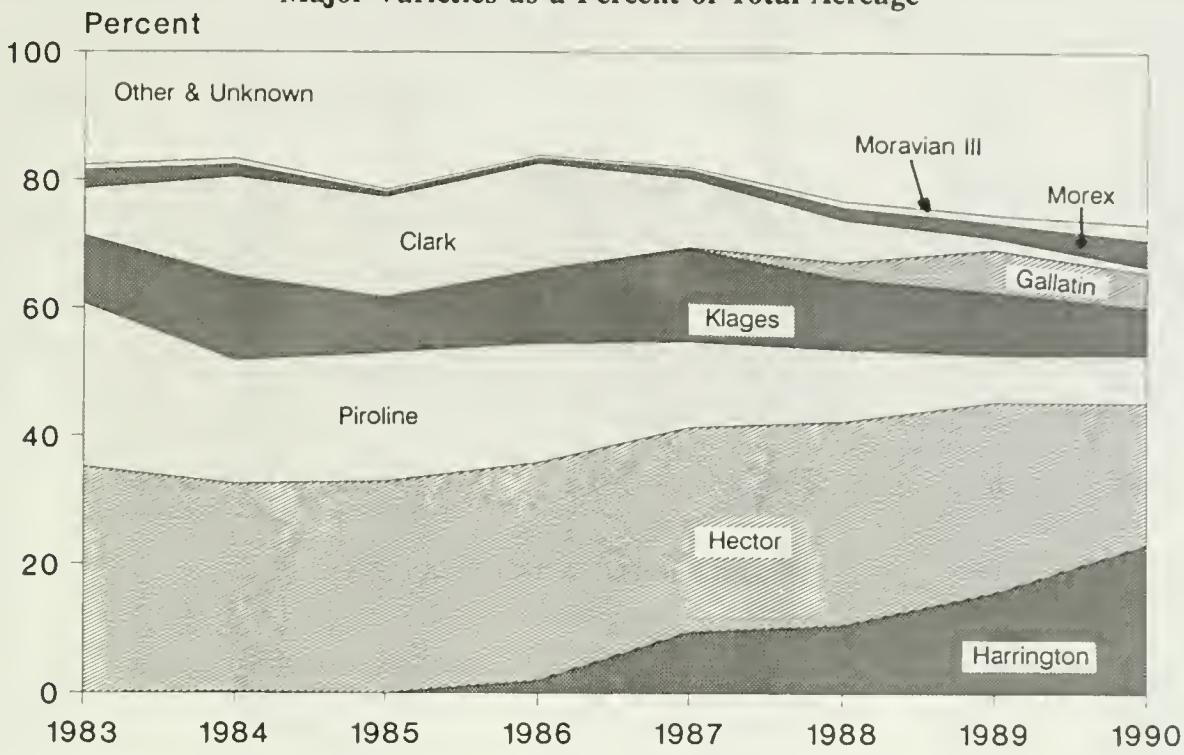
MONTANA BARLEY VARIETIES: Seeded Acreage and Percent of Total By Districts, 1990 [1]

Variety	Northwest		N. Central		Northeast		Central		Southwest		S. Central		Southeast		State	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Harrington [2]	0.8	1.2	281.3	34.3	8.2	4.3	72.0	24.4	0.1	0.1	5.4	5.4	1.9	3.8	369.7	23.1
Hector	1.1	1.7	130.1	15.9	116.6	61.4	76.6	26.1	2.9	3.6	14.3	14.3	12.8	25.6	354.4	22.2
Piroline	1.3	2.0	75.8	9.2	3.2	1.7	25.1	8.5	4.4	5.5	5.7	5.7	4.5	9.0	120.0	7.5
Klages [2]	0.5	0.8	89.0	10.9	--	--	11.3	3.8	12.2	15.2	4.3	4.3	--	--	117.3	7.3
Gallatin	25.7	39.6	10.9	1.3	2.8	1.5	20.7	7.0	9.4	11.8	15.8	15.8	2.7	5.4	88.0	5.5
Clark [2]	2.5	3.8	17.3	2.1	11.6	6.1	26.2	8.9	13.1	16.3	2.3	2.3	1.1	2.2	74.1	4.6
Morex [2]	0.4	0.6	35.5	4.3	0.6	0.3	7.7	2.6	15.2	19.0	5.2	5.2	1.9	3.8	66.5	4.2
Moravian III [2]	–	–	24.9	3.0	–	–	–	–	–	–	16.2	16.2	–	–	41.1	2.6
Bowman	–	–	0.7	0.1	19.7	10.4	2.7	0.9	0.2	0.3	4.9	4.9	11.6	23.2	39.8	2.5
AB 1202	–	–	32.0	3.9	–	–	6.2	2.1	–	–	–	–	–	–	38.2	2.4
Lewis	–	–	15.5	1.9	7.7	4.1	1.0	0.3	9.3	11.6	–	–	–	–	33.5	2.1
AB 2601	–	–	30.3	3.7	–	–	2.1	0.7	–	–	0.4	0.4	–	–	32.8	2.1
Kimberly	–	–	28.0	3.4	–	–	2.7	0.9	–	–	–	–	–	–	30.7	1.9
Horsford	1.8	2.8	2.3	0.3	3.3	1.7	6.2	2.1	3.1	3.9	6.8	6.8	3.6	7.2	27.1	1.6
Menuet	15.7	24.2	0.5	0.1	0.4	0.2	–	–	0.4	0.5	3.4	3.4	–	–	20.4	1.3
Russell	5.6	8.6	9.7	1.2	–	–	3.6	1.2	–	–	–	–	–	–	18.9	1.2
Unitan	2.4	3.7	–	–	3.2	1.7	–	–	2.8	3.5	2.6	2.6	1.4	2.8	12.4	0.8
Summit	–	–	–	–	0.2	0.1	5.2	1.8	–	–	–	–	2.8	5.6	8.2	0.5
AB 1603	–	–	7.0	0.9	–	–	–	–	–	–	–	–	–	–	7.0	0.4
Whitford	–	–	–	–	1.6	0.8	–	–	1.9	2.4	2.7	2.7	–	–	6.2	0.4
Sprinter	1.0	1.5	5.1	0.6	–	–	0.1	0.0	–	–	–	–	–	–	6.2	0.4
Westbred 501	–	–	–	–	–	–	4.4	1.5	1.2	1.5	–	–	–	–	5.6	0.4
Unknown	6.2	9.5	24.1	2.9	10.9	5.7	21.2	7.2	3.8	4.8	10.0	10.0	5.7	11.4	81.9	5.0
ALL VARIETIES	65.0	100.0	820.0	100.0	190.0	100.0	295.0	100.0	80.0	100.0	100.0	100.0	50.0	100.0	1,600.0	100.0

[1] Preliminary [2] American Malting Barley Improvement Association, Inc. recommended malting varieties for Montana.

NOTE: Funding for barley varieties was provided by the American Malting Barley Association and the Montana Wheat & Barley Committee.

Barley Varieties, Montana, 1983-1990
Major Varieties as a Percent of Total Acreage



MARKETINGS OF MAJOR CROPS: Estimated Percent of Farm Sales, Monthly, 1983-84 to 1988-89

Marketing Year:	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
ALL WHEAT						--Percent--						
1983-84	5	15	10	9	9	6	10	8	8	10	7	3
1984-85	5	12	11	9	6	8	9	7	7	8	10	8
1985-86	3	8	9	10	9	12	13	5	7	7	7	10
1986-87	4	7	10	6	7	11	10	10	10	8	8	9
1987-88	5	10	9	11	6	8	13	9	8	7	7	7
1988-89	8	12	7	7	7	10	13	8	9	6	7	6
BARLEY						--Percent--						
1983-84	5	14	17	11	6	7	11	9	7	7	3	3
1984-85	5	18	13	13	9	6	8	4	6	5	7	6
1985-86	8	9	10	7	6	9	15	6	6	9	7	8
1986-87	4	6	8	10	10	12	13	16	12	4	2	3
1987-88	4	9	11	10	6	11	14	6	10	6	6	7
1988-89	14	14	9	7	8	7	11	5	7	8	6	4
OATS						--Percent--						
1983-84	11	6	12	11	8	5	13	8	18	4	2	2
1984-85	6	7	12	8	6	14	8	5	6	13	7	8
1985-86	9	11	13	12	1	3	8	5	11	18	7	12
1986-87	6	8	11	10	9	17	3	12	8	6	6	4
1987-88	2	8	11	14	8	12	11	9	7	4	8	6
1988-89	10	22	8	6	11	5	5	7	11	6	5	4

Marketing Year:	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
ALL HAY						--Percent--						
1983-84	2	15	13	3	11	14	12	10	10	4	3	3
1984-85	3	9	6	9	10	11	13	11	9	10	6	3
1985-86	5	11	6	8	9	10	13	10	9	9	7	3
1986-87	3	6	10	5	10	12	12	10	9	10	5	8
1987-88	2	7	9	5	9	11	13	9	10	11	7	7
1988-89	8	13	11	8	10	12	12	8	6	6	4	2

MONTANA'S RANK IN THE NATION'S AGRICULTURE

ITEM	UNIT		PERIOD OR DATE	RANK
Land in farms and ranches	60,600,000	acres	1989	2
Income from cash receipts, excluding Gov't payments:				
Total	1,609,736,000	dollars	1989	33
Crops	710,482,000	dollars	1989	31
Livestock	899,254,000	dollars	1989	30
LIVESTOCK and LIVESTOCK PRODUCTS				
All Cattle & Calves	2,350,000	head	Jan. 1, 1990	13
All Cows	1,392,000	head	Jan. 1, 1990	10
Beef Cows	1,368,000	head	Jan. 1, 1990	7
Milk Cows	24,000	head	Jan. 1, 1990	43
Cattle on Feed	80,000	head	Jan. 1, 1990	21
Hogs and Pigs	220,000	head	Dec. 1, 1980	25
Sheep and Lambs	663,000	head	Jan. 1, 1990	5
Wool Production	5,690,000	pounds	1989	5
All Chickens	890,000	birds	Dec. 1, 1989	41
CROPS (Production)				
All Wheat	145,030,000	bushels	1989	4
Winter Wheat	54,000,000	bushels	1989	11
Durum Wheat	6,030,000	bushels	1989	4
Spring Wheat Other than Durum	85,000,000	bushels	1989	3
Barley	68,800,000	bushels	1989	2
Oats	6,670,000	bushels	1989	15
All Hay	4,470,000	tons	1989	15
Alfalfa Hay	2,970,000	tons	1989	9
Dry Beans	130,000	cwt	1989	13
Potatoes--fall	2,228,000	cwt	1989	15
Sugarbeets	1,033,000	tons	1989	8
Corn				
Grain	320,000	bushels	1989	41
Silage	1,350,000	tons	1989	20

CROPS AND LIVESTOCK: Record Highs and Lows, Montana

Item	Unit	RECORD HIGH Quantity	RECORD HIGH Mo/Year [1]	RECORD LOW Quantity	RECORD LOW Mo/Year [1]	Year Estimate Started
BARLEY						
Planted	Acres	2,400,000	1986	146,000	1938	1926
Harvested	Acres	2,180,000	1986	2,000	1883	1882
Yield	Bu.	49.0	1982	12.0	1919	1882
Production	Bu.	94,500,000	1987	79,000	1883	1882
Price	$/Bu.	3.03	Nov-1988	.23	Feb-1933	1910
All Stocks	Bu.	94,175,000	Sep-1987	2,886,000	July-1953	1945
CORN						
Planted-All Purposes	Acres	236,000	1935	62,000	1970	1926
Harvested for GRAIN	Acres	101,000	1923	3,000	1965	1919
Grain Yield	Bu.	115.0	1986	8.5	1919	1919
Grain Production	Bu.	2,200,000	1988	135,000	1954	1919
Season Average Price	$/Bu.	3.60	1980	.40	1932	1919
Harvested for SILAGE	Acres	75,000	1989	2,000	1931	1919
Silage Yield	Tons	21.0	1978	1.5	1934	1919
Silage Production	Tons	1,491,000	1978	7,000	1928	1919
ALFALFA HAY						
Harvested	Acres	1,450,000	1990	374,000	1919	1919
Yield	Tons	2.60	1981	1.20	1935	1919
Production	Tons	3,536,000	1981	598,000	1919	1919
Price	$/Ton	105.00	Apr-1989	6.70	Aug-1939	1939
ALL OTHER HAY						
Harvested	Acres	1,390,000	1965	700,000	1988	1963
Yield	Tons	1.50	1989	1.00	1988	1963
Production	Tons	1,678,000	1965	700,000	1988	1963
Price	$/Ton	94.00	Apr-1989	12.00	May-1958	1953
ALL HAY						
Harvested	Acres	2,585,000	1953	1,125,000	1910	1909
Yield	Tons	2.09	1981	.88	1936	1909
Production	Tons	4,964,000	1981	1,283,000	1910	1909
Price	$/Ton	104.00	Apr-1989	6.50	Aug-1939	1939
All Stocks	Tons	4,842,000	Dec-1987	73,000	May-1932	1930
OATS						
Planted	Acres	781,000	1970	160,000	1990	1929
Harvested	Acres	650,000	1918	46,000	1882	1882
Yield	Bu.	55.0	1987	13.5	1919	1882
Production	Bu.	25,650,000	1915	1,600,000	1889	1882
Price	$/Bu.	2.49	Sep-1988	.20	Feb-1933	1910
All Stock	Bu.	29,432,000	Oct-1970	1,338,000	July-1950	1945
ALL WHEAT						
Planted	Acres	6,340,000	1989	2,543,000	1916	1916
Harvested	Acres	5,969,000	1953	9,000	1876	1873
Yield	Bu.	33.6	1982	5.0	1919	1873
Production	Bu.	180,320,000	1982	162,000	1876	1873
Price	$/Bu.	5.45	Feb-1974	.25	Dec-1932	1910
All Stocks	Bu.	234,709,000	Oct-1982	1,763,000	July-1932	1930
DURUM WHEAT						
Planted	Acres	1,017,000	1956	15,000	1954	1954
Harvested	Acres	978,000	1956	14,000	1954	1954
Yield	Bu.	31.5	1972	9.0	1988	1954
Production	Bu.	18,093,000	1956	189,000	1954	1954
Price	$/Bu.	7.47	Jan-1974	1.20	Feb-1970	1955
All Stocks	Bu.	17,320,000	Oct-1982	487,000	July-1966	1964
SPRING WHEAT OTHER THAN DURUM						
Planted	Acres	3,500,000	1989	1,129,000	1969	1954
Harvested	Acres	3,400,000	1989	1,104,000	1969	1954
Yield	Bu.	31.0	1982	9.0	1961	1954
Production	Bu.	89,900,000	1982	13,518,000	1961	1954
Price	$/Bu.	5.33	Feb-1974	.26	Dec-1932	1929
All Stocks	Bu.	109,861,000	Oct-1982	9,062,000	July-1975	1971
WINTER WHEAT						
Planted	Acres	3,200,000	1976	150,000	1909	1909
Harvested	Acres	3,080,000	1976	127,000	1909	1909
Yield	Bu.	38.0	1982	5.2	1919	1909
Production	Bu.	105,000,000	1975	2,798,000	1919	1909
Price	$/Bu.	5.40	Feb-1974	.24	Dec-1932	1929
All Stocks	Bu.	114,590,000	Sep-1987	7,418,000	July-1974	1971
CATTLE						
All Cattle & Calves, Jan.1	Head	3,380,000	1974	309,000	1875	1875
Beef Cows, Jan. 1 [2]	Head	1,746,000	1974	294,000	1938	1924
Milk Cows, Jan. 1 [2]	Head	215,000	1934	8,000	1880	1875
Calves Born	Head	1,730,000	1973	350,000	1938	1924
Beef Cattle Prices	$/Cwt.	76.00	Apr-1979	2.70	Dec-1933	1910
Calf Prices	$/Cwt.	99.00	Aug-1990	4.10	Jan-1934	1910
HOGS						
All Hogs, Dec. 1	Head	445,000	1944	1,000	1867	1867
Dec-May Pig Crop	Head	421,000	1943	83,000	1937	1924
June-Nov Pig Crop	Head	277,000	1943	57,000	1934	1924
All Hog & Pig Prices	$/Cwt.	58.10	Jun-1990	2.60	Jan-1933	1910
SHEEP						
All Sheep & Lambs, Jan. 1	Head	4,280,000	1934	523,000	1986	1930
Total Stock Sheep, Jan. 1	Head	5,736,000	1903	3,000	1867	1867
Sheep/Lambs on Feed, Jan. 1	Head	428,000	1945	14,000	1980	1930
Ewes - 1 Yr Plus, Jan. 1	Head	3,268,000	1931	371,000	1977	1930
Lambs Crop	Head	2,695,000	1934	360,000	1979	1924
Sheep Prices	$/Cwt.	29.90	Feb-1987	1.95	Nov-1932	1910
Lamb Prices	$/Cwt.	90.60	Jan-1988	3.50	Jan-1932	1910
Wool Production	Pounds	38,370,000	1911	4,379,000	1978	1909
Wool Price	$/Lb.	1.72	Jan-1989	.07	July-1931	1910
CHICKEN & EGGS						
All Chickens, Dec. 1	Head	2,738,000	1944	890,000	1989	1924
Average number of Layers	Head	1,870,000	1925	703,000	1989	1924
Egg Production	Eggs	265,000,000	1944	162,000,000	1937	1924

[1] In case of a tie, the most recent year was used. [2] Cows two years old and older prior to 1970. Cows calved since 1970. Current year records, preliminary.

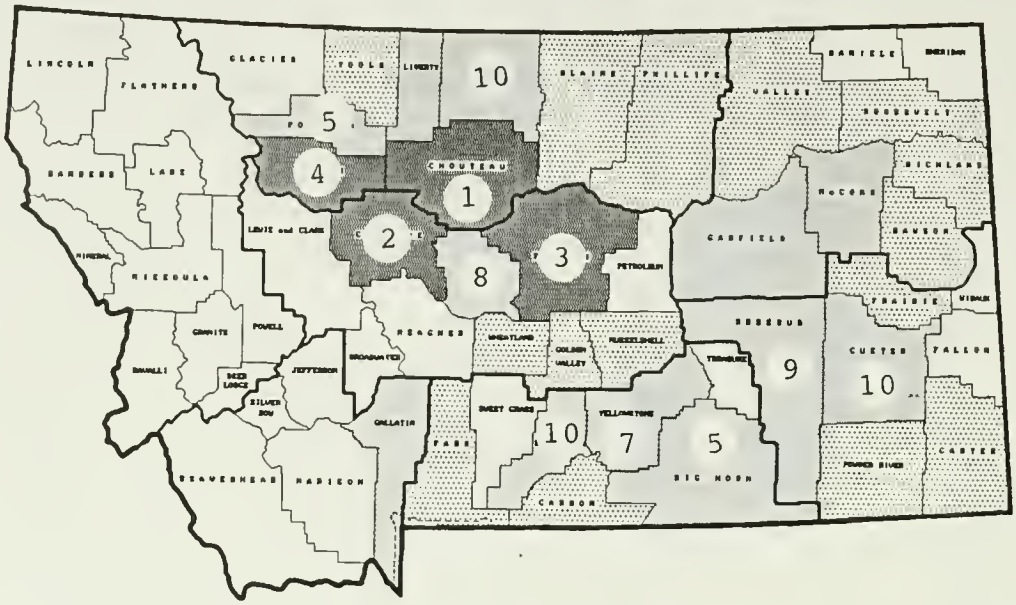
NUMERICAL RANKING OF COUNTIES: Crop Production, 1989

COUNTY	CROP PRODUCTION						
	All Wheat	Winter Wheat	Hard Spring Wheat	Durum Wheat	Barley	Oats	All Hay
Beaverhead	42	44	34	46	22	38	1
Big Horn	17	6	29	17	16	11	9
Blaine	9	16	6	11	13	4	20
Broadwater	27	39	18	38	29	35	24
Carbon	38	27	38	25	20	12	12
Carter	29	30	24	44	47	44	36
Cascade	5	2	19	10	6	13	14
Chouteau	1	1	2	6	1	3	33
Custer	26	17	28	52	41	21	32
Daniels	21	45	14	12	35	41	52
Dawson	15	21	10	19	18	2	35
Deerlodge	52	54	50	43	51	55	48
Fallon	31	40	22	26	39	24	40
Fergus	12	4	26	18	5	9	3
Flathead	30	37	21	39	10	29	22
Gallatin	22	9	23	24	8	17	4
Garfield	23	15	17	47	23	14	43
Glacier	8	36	4	5	4	10	34
Golden Valley	36	22	35	36	42	43	45
Granite	53	51	53	49	53	52	26
Hill	2	10	1	8	12	34	49
Jefferson	50	48	49	41	50	39	25
Judith Basin	19	7	27	48	9	8	18
Lake	34	35	25	27	27	5	5
Lewis & Clark	39	31	37	30	26	32	16
Liberty	4	14	3	9	11	49	55
Lincoln	56	56	56	56	56	56	46
Madison	40	32	36	20	33	48	2
McCone	14	13	11	14	17	22	30
Meagher	51	46	52	22	34	40	21
Mineral	55	52	55	55	55	54	56
Missoula	47	50	41	42	49	45	31
Musselshell	35	18	46	35	40	46	39
Park	41	28	43	21	36	19	6
Petroleum	43	41	42	50	48	50	44
Phillips	18	33	13	28	15	7	11
Pondera	3	5	9	4	3	16	37
Powder River	37	23	44	31	45	15	29
Powell	46	55	39	40	43	51	8
Prairie	32	24	31	29	38	42	50
Ravalli	48	47	47	37	32	26	7
Richland	16	29	12	15	19	1	28
Roosevelt	10	26	8	2	24	23	38
Rosebud	24	12	32	53	25	25	23
Sanders	49	49	48	23	52	47	27
Sheridan	13	43	16	1	28	20	42
Silver Bow	54	53	54	51	54	53	54
Stillwater	25	11	40	54	31	30	19
Sweet Grass	45	34	51	45	46	28	17
Teton	7	3	15	3	2	27	10
Toole	6	20	5	7	7	37	51
Treasure	44	38	45	33	44	36	47
Valley	11	19	7	13	21	33	15
Wheatland	33	25	30	32	30	31	41
Wibaux	28	42	20	16	37	18	53
Yellowstone	20	8	33	34	14	6	13

NUMERICAL RANKING OF COUNTIES: Livestock Numbers, 1988-1989 and Cash Receipts--1988

COUNTY	LIVESTOCK NUMBERS			CASH RECEIPTS--1988		
	Cattle Jan. 1, 1989	Sheep Jan 1, 1989	Hogs Dec. 1, 1988	All Products	Livestock and Products	Crops
Beaverhead	1	5	48	9	2	20
Big Horn	2	37	15	6	5	10
Blaine	9	24	9	16	22	17
Broadwater	40	30	44	39	43	24
Carbon	16	12	27	12	9	11
Carter	20	1	34	33	17	50
Cascade	11	17	8	3	3	8
Chouteau	22	44	3	2	29	2
Custer	12	13	43	14	6	35
Daniels	50	41	18	35	52	33
Dawson	30	38	33	24	33	22
Deerlodge	53	54	51	53	53	54
Fallon	31	23	24	40	34	47
Fergus	5	14	14	8	11	7
Flathead	41	43	11	29	26	16
Gallatin	8	21	20	5	4	4
Garfield	14	2	35	27	21	38
Glacier	37	39	1	18	25	12
Golden Valley	45	20	29	46	38	43
Granite	34	50	50	47	36	52
Hill	43	52	4	7	37	3
Jefferson	44	45	36	51	46	41
Judith Basin	15	16	40	23	23	18
Lake	18	31	17	20	14	13
Lewis & Clark	29	19	30	36	28	32
Liberty	52	51	2	22	39	15
Lincoln	55	56	39	55	55	56
Madison	4	8	25	17	7	28
McCone	35	7	28	31	45	27
Meagher	17	27	31	37	24	39
Mineral	56	55	55	56	56	55
Missoula	51	46	54	52	47	46
Musselshell	36	9	38	43	44	29
Park	21	36	49	34	19	36
Petroleum	39	33	56	49	42	48
Phillips	6	15	10	19	16	23
Pondera	42	28	5	11	40	5
Powder River	10	6	47	32	13	45
Powell	25	40	46	45	31	42
Prairie	28	34	41	38	30	37
Ravalli	26	29	26	26	12	34
Richland	19	25	21	10	15	9
Roosevelt	46	26	23	25	51	25
Rosebud	7	10	37	15	10	19
Sanders	38	49	45	48	41	44
Sheridan	48	32	19	30	50	26
Silver Bow	54	53	53	54	54	53
Stillwater	23	11	6	28	18	31
Sweet Grass	27	4	22	44	27	49
Teton	24	18	7	4	8	1
Toole	49	47	13	21	48	14
Treasure	33	48	52	41	35	30
Valley	13	35	16	13	20	21
Wheatland	32	3	12	42	32	40
Wibaux	47	42	42	50	49	51
Yellowstone	3	22	32	1	1	6

WINTER WHEAT - 1989
HARVESTED ACREAGE

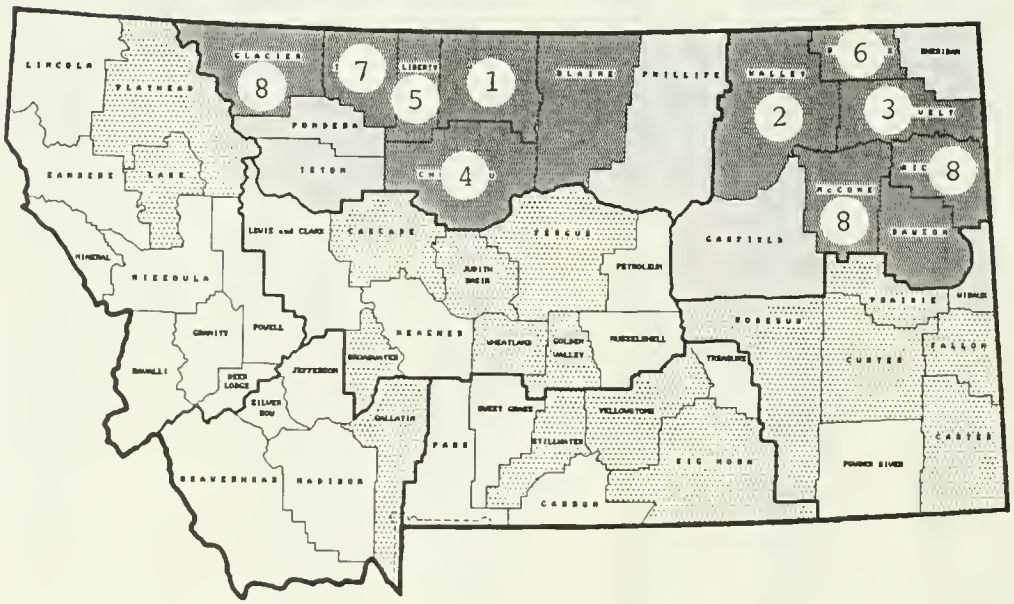


Numbers show ranking of top ten.

0-9,999 □ 30,000-89,999 □

10,000-29,999 □ 90,000-330,000 ■

SPRING WHEAT EXCLUDING DURUM - 1989
HARVESTED ACREAGE

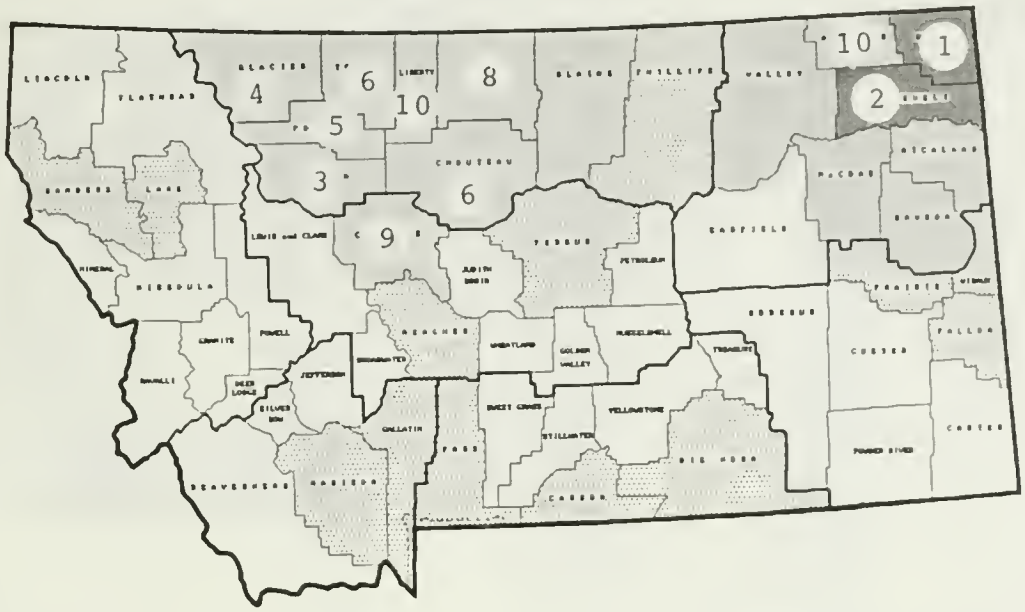


Numbers show ranking of top ten.

0-10,999 □ 40,000-119,999 □

11,000-39,999 □ 120,000-235,000 ■

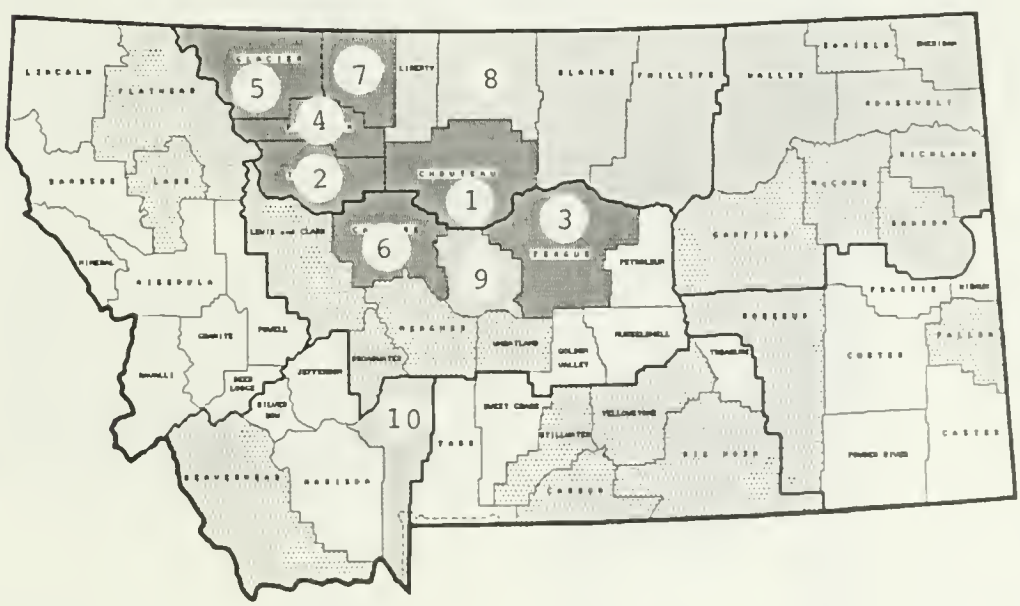
DURUM WHEAT - 1989
HARVESTED ACREAGE



Numbers show ranking of top ten.

None
100-899
900-31,999
32,000-161,000

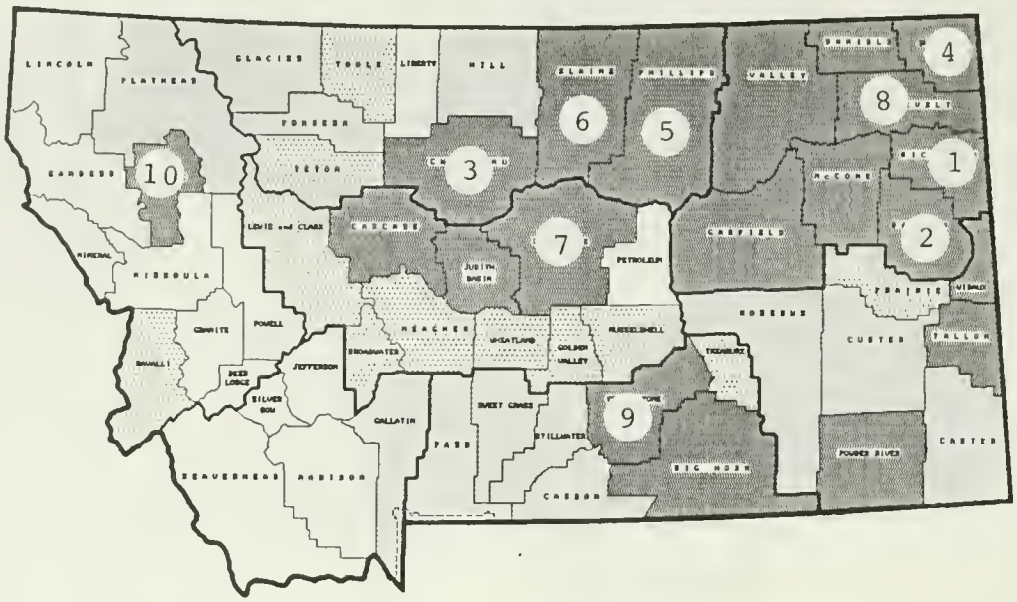
BARLEY - 1989
HARVESTED ACREAGE



Numbers show ranking of top ten.

0-10,999
11,000-33,999
34,000-72,999
73,000-123,000

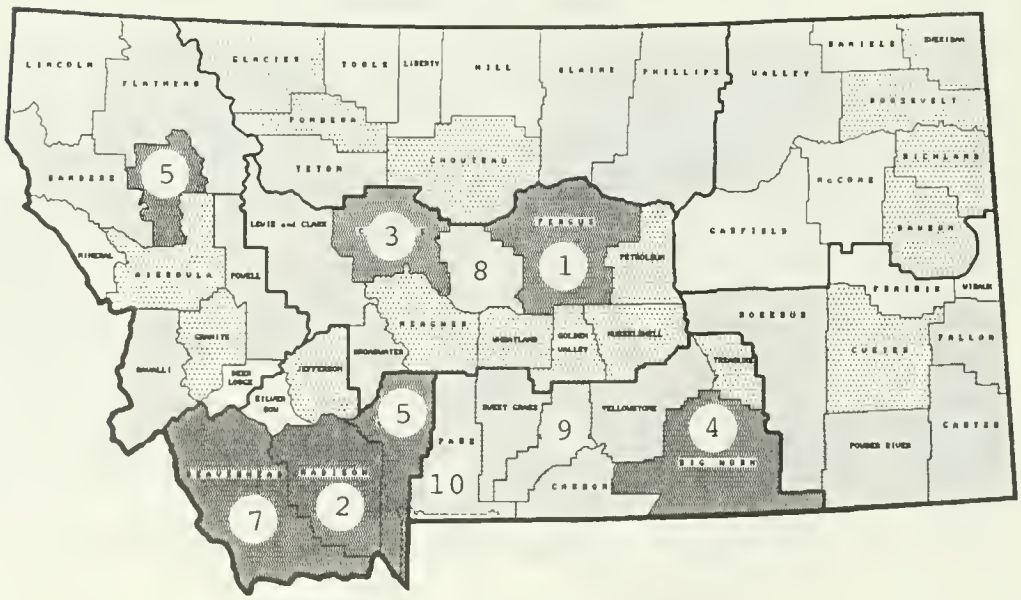
OATS - 1989
HARVESTED ACREAGE



Numbers show ranking of top ten.

0-999
1,000-1,999
2,000-2,999
3,000-7,500

ALFALFA HAY - 1989
HARVESTED ACREAGE



Numbers show ranking of top ten.

0-9,999
10,000-21,999
22,000-45,999
46,000-74,000

ALL CROPS: Harvested Acres, Irrigated and Non-Irrigated, 1988-1989

COUNTY & DISTRICT	IRRIGATED		NON-IRRIGATED	
	Harvested Acres - 1988	Harvested Acres - 1989	Harvested Acres - 1988	Harvested Acres - 1989
Deerlodge	10,300	12,770	900	100
Flathead	33,990	40,170	28,200	45,800
Granite	29,400	31,600	1,300	1,800
Lake	67,560	69,110	21,000	37,600
Lincoln	8,500	8,500	3,600	4,500
Mineral	1,500	1,500	2,300	2,400
Missoula	22,850	25,230	3,200	10,000
Powell	47,400	55,600	6,900	8,500
Ravalli	46,850	46,650	3,500	5,700
Sanders	20,500	22,300	14,500	18,500
NORTHWEST	**288,850**	**313,430**	**85,400**	**134,900**
Blaine	25,700	42,800	162,300	216,000
Chouteau	19,300	113,800	481,300	677,900
Glacier	22,300	34,700	161,100	262,900
Hill	8,500	19,600	438,600	560,000
Liberty	5,600	16,000	214,400	282,600
Phillips	34,600	39,500	149,600	194,500
Pondera	52,800	46,000	221,200	258,400
Teton	77,400	68,100	173,400	230,400
Toole	3,400	14,100	237,700	295,200
NORTH CENTRAL	**249,670**	**394,670**	**2,239,600**	**2,977,900**
Daniels	1,500	9,500	171,500	243,900
Dawson	16,340	27,300	149,500	237,300
Garfield	6,900	5,900	113,900	132,500
McCone	7,400	15,100	196,400	275,200
Richland	46,000	51,080	149,600	245,300
Roosevelt	12,520	25,370	246,400	382,000
Sheridan	4,930	27,100	272,800	380,100
Valley	41,500	61,400	268,400	370,800
NORTHEAST	**137,150**	**222,820**	**1,568,500**	**2,267,100**
Broadwater	35,630	44,050	37,200	33,300
Cascade	25,600	68,500	182,800	272,500
Fergus	18,800	70,800	284,300	335,500
Golden Valley	8,000	12,700	30,500	55,900
Judith Basin	7,300	52,100	142,700	186,800
Lewis & Clark	29,000	36,200	26,600	29,300
Meagher	30,300	39,300	29,700	24,500
Musselshell	9,600	9,100	46,200	59,900
Petroleum	7,200	10,800	16,400	23,800
Wheatland	13,950	29,260	33,700	51,000
CENTRAL	**185,380**	**372,810**	**830,100**	**1,072,500**
Beaverhead	154,890	145,440	9,700	13,300
Gallatin	85,950	80,960	71,000	95,600
Jefferson	29,100	30,500	5,600	13,000
Madison	106,310	96,300	7,800	18,500
Silver Bow	7,600	7,300	500	1,500
SOUTHWEST	**383,850**	**360,500**	**94,600**	**141,900**
Big Horn	41,600	45,410	125,100	145,700
Carbon	66,870	59,090	27,700	36,300
Park	56,100	57,700	19,000	24,600
Stillwater	25,050	29,760	78,600	111,900
Sweet Grass	37,100	32,000	15,500	31,400
Treasure	20,040	17,740	6,400	9,600
Yellowstone	66,930	60,490	99,500	123,800
SOUTH CENTRAL	**313,740**	**302,250**	**371,800**	**483,300**
Carter	4,700	4,300	38,000	114,100
Custer	22,490	24,250	35,100	90,700
Fallon	3,900	7,400	44,900	104,400
Powder River	7,600	13,800	29,800	73,100
Prairie	14,950	16,020	29,000	56,000
Rosebud	32,880	35,190	58,500	93,500
Wibaux	2,900	5,800	44,200	78,100
SOUTHEAST	**89,460**	**106,820**	**279,500**	**609,900**
MONTANA	**1,648,100**	**2,073,300**	**5,469,500**	**7,687,500**

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	ACRES				Yield Per Acre	Production
	Gross Seeded	Reseeded [1]	Net Seeded	Harvested for Grain		
					-----Bushels-----	
Deerlodge	1,100	0	1,100	1,000	41.5	41,500
Flathead	9,500	0	9,500	9,100	62.5	569,000
Granite	300	0	300	300	48.3	14,500
Lake	12,000	300	11,700	11,100	44.2	491,000
Lincoln	0	0	0	0	0.0	0
Mineral	300	0	300	300	36.7	11,000
Missoula	2,100	0	2,100	2,000	56.5	113,000
Powell	2,700	0	2,700	2,600	49.2	128,000
Ravalli	2,000	0	2,000	1,700	49.4	84,000
Sanders	2,000	0	2,000	1,900	34.2	65,000
NORTHWEST	**32,000**	**300**	**31,700**	**30,000**	**50.6**	**1,517,000**
Blaine	170,000	1,900	168,100	133,000	14.7	1,949,700
Chouteau	420,000	1,500	418,500	355,000	17.2	6,121,000
Glacier	116,000	0	116,000	100,000	20.4	2,042,500
Hill	420,000	800	419,200	359,000	14.0	5,037,500
Liberty	200,000	0	200,000	174,000	12.6	2,196,800
Phillips	120,000	0	120,000	100,000	12.6	1,257,000
Pondera	168,000	100	167,900	151,000	23.6	3,559,000
Teton	144,000	0	144,000	130,000	27.8	3,617,000
Toole	205,000	2,100	202,900	170,000	13.0	2,204,500
NORTH CENTRAL	**1,963,000**	**6,300**	**1,956,700**	**1,672,000**	**16.7**	**27,985,000**
Daniels	186,000	0	186,000	135,000	7.7	1,035,000
Dawson	141,000	1,000	140,000	105,000	11.6	1,217,000
Garfield	112,000	0	112,000	80,000	8.2	652,000
McCone	188,500	0	188,500	149,000	10.2	1,522,300
Richland	156,000	0	156,000	116,000	9.4	1,094,000
Roosevelt	276,000	0	276,000	197,000	7.7	1,526,300
Sheridan	255,500	0	255,500	209,000	8.1	1,702,400
Valley	274,000	1,800	272,200	217,000	7.9	1,713,000
NORTHEAST	**1,589,000**	**2,800**	**1,586,200**	**1,208,000**	**8.7**	**10,462,000**
Broadwater	40,000	100	39,900	35,000	29.2	1,022,200
Cascade	135,000	100	134,900	118,000	25.6	3,020,900
Fergus	142,000	100	141,900	124,000	28.3	3,508,700
Golden Valley	30,000	0	30,000	25,000	17.8	446,000
Judith Basin	65,000	0	65,000	56,000	24.0	1,346,400
Lewis & Clark	14,000	0	14,000	13,000	29.5	383,800
Meagher	11,500	0	11,500	10,000	15.1	151,000
Musselshell	36,000	0	36,000	31,000	17.3	537,000
Petroleum	11,500	0	11,500	10,000	18.0	180,000
Wheatland	34,000	0	34,000	28,000	19.0	532,000
CENTRAL	**519,000**	**300**	**518,700**	**450,000**	**24.7**	**11,128,000**
Beaverhead	12,500	0	12,500	11,000	42.5	467,000
Gallatin	40,000	400	39,600	36,500	47.2	1,721,000
Jefferson	6,000	100	5,900	4,500	25.3	114,000
Madison	8,000	0	8,000	7,500	33.3	250,000
Silver Bow	500	0	500	500	24.0	12,000
SOUTHWEST	**67,000**	**500**	**66,500**	**60,000**	**42.7**	**2,564,000**
Big Horn	93,900	0	93,900	80,000	22.1	1,767,000
Carbon	16,600	100	16,500	15,000	20.7	311,000
Park	12,000	0	12,000	10,000	23.4	234,000
Stillwater	46,000	1,000	45,000	38,000	19.4	738,000
Sweet Grass	6,000	0	6,000	5,000	14.0	70,000
Treasure	5,500	0	5,500	4,000	26.3	105,000
Yellowstone	80,000	0	80,000	70,000	18.6	1,303,000
SOUTH CENTRAL	**260,000**	**1,100**	**258,900**	**222,000**	**20.4**	**4,528,000**
Carter	40,000	4,000	36,000	21,000	8.2	172,000
Custer	40,000	1,100	38,900	28,000	8.7	244,000
Fallon	50,000	0	50,000	26,000	7.5	196,000
Powder River	25,000	4,500	20,500	17,000	10.8	183,000
Prairie	39,000	2,100	36,900	19,000	9.3	177,000
Rosebud	56,000	0	56,000	42,000	13.3	557,000
Wibaux	50,000	0	50,000	35,000	7.3	257,000
SOUTHEAST	**300,000**	**11,700**	**288,300**	**188,000**	**9.5**	**1,786,000**
MONTANA	**4,730,000**	**23,000**	**4,707,000**	**3,830,000**	**15.7**	**59,970,000**

[1] Winter Wheat Reseeded to Spring Wheat.

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	ACRES				Yield Per Acre	Production
	Gross Seeded	Reseeded [1]	Net Seeded	Harvested for Grain		-----Bushels-----
Deerlodge	1,100	0	1,100	1,000	57.0	57,000
Flathead	24,000	3,700	20,300	18,800	50.1	942,000
Granite	1,200	0	1,200	1,100	33.6	37,000
Lake	30,000	7,000	23,000	22,000	38.2	841,000
Lincoln	0	0	0	0	0.0	0
Mineral	300	0	300	300	28.3	8,500
Missoula	7,400	700	6,700	5,600	33.2	186,000
Powell	4,700	200	4,500	3,800	51.8	197,000
Ravalli	3,800	400	3,400	3,300	32.9	108,500
Sanders	2,800	0	2,800	2,400	38.8	93,000
NORTHWEST	**75,300**	**12,000**	**63,300**	**58,300**	**42.4**	**2,470,000**
Blaine	220,600	39,000	181,600	174,500	30.8	5,369,000
Chouteau	620,100	130,000	490,100	472,000	36.9	17,431,000
Glacier	182,000	2,600	179,400	174,800	37.1	6,478,000
Hill	746,600	245,000	501,600	482,500	26.0	12,530,000
Liberty	388,100	145,000	243,100	232,000	33.3	7,730,000
Phillips	157,200	29,000	128,200	124,200	25.0	3,108,000
Pondera	208,400	19,000	189,400	185,000	42.7	7,894,000
Teton	168,100	8,400	159,700	157,000	41.5	6,521,500
Toole	301,100	78,000	223,100	212,000	31.3	6,640,500
NORTH CENTRAL	**2,992,200**	**696,000**	**2,296,200**	**2,214,000**	**33.3**	**73,702,000**
Daniels	202,100	500	201,600	196,000	12.9	2,528,000
Dawson	214,000	43,800	170,200	168,000	23.1	3,881,000
Garfield	102,000	12,800	89,200	88,000	24.3	2,137,000
McCone	223,000	20,500	202,500	199,000	20.8	4,141,500
Richland	199,000	20,500	178,500	174,000	19.3	3,352,500
Roosevelt	329,000	4,000	325,000	312,000	16.4	5,102,000
Sheridan	317,600	1,700	315,900	312,000	14.1	4,386,500
Valley	332,000	8,200	323,800	311,000	16.0	4,981,500
NORTHEAST	**1,918,700**	**112,000**	**1,806,700**	**1,760,000**	**17.3**	**30,510,000**
Broadwater	38,500	1,800	36,700	35,000	32.8	1,149,000
Cascade	162,700	5,700	157,000	155,600	42.8	6,665,000
Fergus	156,500	26,200	130,300	120,000	37.6	4,517,000
Golden Valley	44,000	2,800	41,200	38,000	20.5	778,000
Judith Basin	88,000	5,500	82,500	79,500	36.4	2,890,000
Lewis & Clark	15,000	800	14,200	13,900	39.3	546,000
Meagher	5,600	1,500	4,100	3,600	21.7	78,000
Musselshell	30,000	1,000	29,000	28,000	28.1	788,000
Petroleum	17,800	2,800	15,000	14,500	19.4	282,000
Wheatland	37,000	1,900	35,100	32,900	25.8	848,000
CENTRAL	**595,100**	**50,000**	**545,100**	**521,000**	**35.6**	**18,541,000**
Beaverhead	11,400	400	11,000	10,000	36.4	364,000
Gallatin	50,100	1,100	49,000	47,800	47.5	2,269,000
Jefferson	5,400	0	5,400	4,800	18.1	87,000
Madison	14,800	0	14,800	14,100	36.2	511,000
Silver Bow	700	0	700	700	30.0	21,000
SOUTHWEST	**82,400**	**1,500**	**80,900**	**77,400**	**42.0**	**3,252,000**
Big Horn	100,600	1,500	99,100	94,300	34.1	3,220,000
Carbon	20,300	300	20,000	19,700	30.6	602,000
Park	15,700	500	15,200	14,100	34.4	485,500
Stillwater	57,500	700	56,800	56,300	29.4	1,655,000
Sweet Grass	6,100	0	6,100	5,500	37.5	206,500
Treasure	6,100	0	6,100	5,600	44.5	249,000
Yellowstone	86,000	500	85,500	84,800	31.0	2,626,000
SOUTH CENTRAL	**292,300**	**3,500**	**288,800**	**280,300**	**32.3**	**9,044,000**
Carter	56,500	3,800	52,700	50,000	20.3	1,017,000
Custer	71,500	8,200	63,300	61,000	21.5	1,312,000
Fallon	60,200	3,000	57,200	46,100	19.6	902,000
Powder River	30,500	1,500	29,000	27,300	22.1	604,000
Prairie	51,100	13,500	37,600	35,900	24.6	884,000
Rosebud	61,000	500	60,500	58,800	29.5	1,734,000
Wibaux	53,200	4,500	48,700	44,900	23.6	1,058,000
SOUTHEAST	**384,000**	**35,000**	**349,000**	**324,000**	**23.2**	**7,511,000**
MONTANA	**6,340,000**	**910,000**	**5,430,000**	**5,235,000**	**27.7**	**145,030,000**

[1] Winter Wheat Reseeded to Spring Wheat.

WINTER WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Deerlodge	600	500	40	20,000	0	0	500	40
Flathead	6,900	6,600	71	467,000	2,200	82	4,400	65
Granite	0	0	0	0	0	0	0	0
Lake	7,300	6,600	46	301,000	4,200	54	2,400	31
Lincoln	0	0	0	0	0	0	0	0
Mineral	300	300	37	11,000	0	0	300	37
Missoula	1,100	1,000	50	50,000	0	0	1,000	50
Powell	1,200	1,100	56	62,000	0	0	1,100	56
Ravalli	1,100	800	40	32,000	100	60	700	37
Sanders	1,500	1,400	31	44,000	0	0	1,400	31
NORTHWEST	**20,000**	**18,300**	**54**	**987,000**	**6,500**	**63**	**11,800**	**49**
Blaine	84,900	72,900	16	1,135,000	900	28	72,000	15
Chouteau	356,000	312,300	17	5,454,000	1,500	25	310,800	17
Glacier	16,600	13,800	25	350,000	0	0	13,800	25
Hill	229,400	200,500	16	3,131,000	500	22	200,000	16
Liberty	131,400	117,500	14	1,631,000	300	37	117,200	14
Phillips	44,300	39,400	14	548,000	600	22	38,800	14
Pondera	111,200	101,400	26	2,616,000	1,000	60	100,400	25
Teton	109,300	99,900	30	2,977,000	2,000	64	97,900	29
Toole	83,000	73,300	14	1,015,000	0	0	73,300	14
NORTH CENTRAL	**1,166,100**	**1,031,000**	**18**	**18,857,000**	**6,800**	**42**	**1,024,200**	**18**
Daniels	6,500	4,800	13	60,000	0	0	4,800	13
Dawson	65,900	54,000	14	772,000	100	30	53,900	14
Garfield	72,000	59,000	9	558,000	0	0	59,000	9
McCone	82,400	70,000	13	930,000	0	0	70,000	13
Richland	44,500	39,700	9	347,000	100	50	39,600	9
Roosevelt	31,500	25,500	10	253,000	0	0	25,500	10
Sheridan	4,900	4,000	8	33,000	0	0	4,000	8
Valley	37,900	32,000	9	280,000	0	0	32,000	9
NORTHEAST	**345,600**	**289,000**	**11**	**3,233,000**	**200**	**40**	**288,800**	**11**
Broadwater	24,700	21,500	23	490,000	500	60	21,000	22
Cascade	113,600	100,300	26	2,616,000	1,200	46	99,100	26
Fergus	132,900	115,900	29	3,398,000	200	40	115,700	29
Golden Valley	27,000	23,000	18	425,000	1,000	30	22,000	18
Judith Basin	59,900	51,900	24	1,270,000	0	0	51,900	24
Lewis & Clark	10,600	9,800	31	300,000	0	0	9,800	31
Meagher	10,000	9,000	14	128,000	0	0	9,000	14
Musselshell	34,500	30,000	18	525,000	0	0	30,000	18
Petroleum	10,500	9,500	18	173,000	100	20	9,400	18
Wheatland	31,000	26,000	20	515,000	0	0	26,000	20
CENTRAL	**454,700**	**396,900**	**25**	**9,840,000**	**3,000**	**42**	**393,900**	**25**
Beaverhead	3,400	3,100	49	153,000	0	0	3,100	49
Gallatin	27,800	25,600	50	1,273,000	3,000	50	22,600	50
Jefferson	3,000	2,500	30	74,000	0	0	2,500	30
Madison	3,800	3,500	34	118,000	0	0	3,500	34
Silver Bow	500	500	24	12,000	0	0	500	24
SOUTHWEST	**38,500**	**35,200**	**46**	**1,630,000**	**3,000**	**50**	**32,200**	**46**
Big Horn	84,500	74,000	22	1,611,000	1,000	50	73,000	21
Carbon	11,000	10,500	23	238,000	500	40	10,000	22
Park	8,900	8,000	25	200,000	600	53	7,400	23
Stillwater	40,000	34,000	21	697,000	0	0	34,000	21
Sweet Grass	4,900	4,000	15	60,000	0	0	4,000	15
Treasure	4,000	3,000	17	50,000	0	0	3,000	17
Yellowstone	72,100	65,000	19	1,203,000	900	56	64,100	18
SOUTH CENTRAL	**225,400**	**198,500**	**20**	**4,059,000**	**3,000**	**51**	**195,500**	**20**
Carter	28,900	16,000	8	121,000	0	0	16,000	8
Custer	36,000	26,000	8	211,000	300	33	25,700	8
Fallon	20,000	12,000	8	91,000	0	0	12,000	8
Powder River	23,000	16,000	11	177,000	0	0	16,000	11
Prairie	36,000	17,500	9	163,000	0	0	17,500	9
Rosebud	46,000	36,500	13	459,000	200	40	36,300	12
Wibaux	9,800	7,100	10	72,000	0	0	7,100	10
SOUTHEAST	**199,700**	**131,100**	**10**	**1,294,000**	**500**	**36**	**130,600**	**10**
MONTANA	**2,450,000**	**2,100,000**	**19**	**39,900,000**	**23,000**	**50**	**2,077,000**	**19**

WINTER WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Deerlodge	100	100	20	2,000	0	0	100	20
Flathead	8,500	3,500	43	152,000	1,000	45	2,500	43
Granite	500	400	23	9,000	0	0	400	23
Lake	12,700	5,300	30	160,000	1,500	57	3,800	20
Lincoln	0	0	0	0	0	0	0	0
Mineral	100	100	40	4,000	0	0	100	40
Missoula	1,400	500	22	11,000	0	0	500	22
Powell	200	0	0	0	0	0	0	0
Ravalli	1,200	800	44	35,000	200	100	600	25
Sanders	300	300	50	15,000	300	50	0	0
NORTHWEST	**25,000**	**11,000**	**35**	**388,000**	**3,000**	**55**	**8,000**	**28**
Blaine	65,000	23,000	38	884,000	200	60	22,800	38
Chouteau	390,000	247,000	42	10,368,000	1,100	66	245,900	42
Glacier	8,000	5,000	31	153,000	0	0	5,000	31
Hill	300,000	45,000	33	1,480,000	0	0	45,000	33
Liberty	182,000	30,000	35	1,050,000	0	0	30,000	35
Phillips	40,000	10,000	20	195,000	0	0	10,000	20
Pondera	100,000	80,000	46	3,663,000	1,500	60	78,500	46
Teton	105,000	95,000	45	4,257,000	1,500	57	93,500	45
Toole	100,000	15,000	37	550,000	0	0	15,000	37
NORTH CENTRAL	**1,290,000**	**550,000**	**41**	**22,600,000**	**4,300**	**60**	**545,700**	**41**
Daniels	3,000	2,000	23	45,000	0	0	2,000	23
Dawson	62,000	17,000	30	515,000	0	0	17,000	30
Garfield	46,000	33,000	27	902,000	0	0	33,000	27
McCone	61,000	39,000	27	1,072,000	100	50	38,900	27
Richland	36,000	14,000	22	311,000	100	50	13,900	22
Roosevelt	23,000	14,000	30	414,000	0	0	14,000	30
Sheridan	4,000	2,000	29	58,500	100	45	1,900	28
Valley	38,000	29,000	22	629,500	700	39	28,300	21
NORTHEAST	**273,000**	**150,000**	**26**	**3,947,000**	**1,000**	**42**	**149,000**	**26**
Broadwater	7,000	5,000	28	140,000	100	60	4,900	27
Cascade	130,000	124,000	45	5,559,000	1,200	66	122,800	45
Fergus	136,000	100,000	40	3,950,000	700	71	99,300	39
Golden Valley	23,000	20,000	25	508,000	300	60	19,700	25
Judith Basin	70,000	62,000	38	2,370,000	0	0	62,000	38
Lewis & Clark	8,000	7,000	43	301,000	200	55	6,800	43
Meagher	4,000	2,000	19	37,000	0	0	2,000	19
Musselshell	27,000	25,000	28	704,000	0	0	25,000	28
Petroleum	8,000	5,000	26	132,000	0	0	5,000	26
Wheatland	17,000	15,000	28	415,000	0	0	15,000	28
CENTRAL	**430,000**	**365,000**	**39**	**14,116,000**	**2,500**	**66**	**362,500**	**38**
Beaverhead	2,400	2,000	25	50,000	0	0	2,000	25
Gallatin	32,000	30,000	51	1,538,000	4,800	73	25,200	47
Jefferson	1,500	1,000	27	27,000	0	0	1,000	27
Madison	6,000	5,900	41	241,000	700	50	5,200	40
Silver Bow	100	100	40	4,000	0	0	100	40
SOUTHWEST	**42,000**	**39,000**	**48**	**1,860,000**	**5,500**	**70**	**33,500**	**44**
Big Horn	85,000	80,000	34	2,725,000	3,500	57	76,500	33
Carbon	11,500	11,000	34	373,000	1,000	50	10,000	32
Park	11,500	10,000	35	350,000	1,400	49	8,600	33
Stillwater	46,000	45,000	33	1,467,000	100	50	44,900	33
Sweet Grass	4,500	4,000	43	170,000	0	0	4,000	43
Treasure	4,500	4,000	37	147,000	800	55	3,200	32
Yellowstone	72,000	71,000	32	2,249,000	700	56	70,300	31
SOUTH CENTRAL	**235,000**	**225,000**	**33**	**7,481,000**	**7,500**	**54**	**217,500**	**33**
Carter	20,000	15,000	21	309,000	0	0	15,000	21
Custer	55,000	45,000	18	819,000	100	40	44,900	18
Fallon	10,000	6,000	22	133,000	0	0	6,000	22
Powder River	25,000	22,000	22	487,000	0	0	22,000	22
Prairie	36,000	21,000	21	449,000	0	0	21,000	21
Rosebud	48,000	47,000	28	1,321,000	100	40	46,900	28
Wibaux	11,000	4,000	23	90,000	0	0	4,000	23
SOUTHEAST	**205,000**	**160,000**	**23**	**3,608,000**	**200**	**40**	**159,800**	**23**
MONTANA	**2,500,000**	**1,500,000**	**36**	**54,000,000**	**24,000**	**60**	**1,476,000**	**36**

SPRING WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Deerlodge	500	500	43	21,500	100	65	400	38
Flathead	2,600	2,500	41	102,000	700	69	1,800	30
Granite	300	300	48	14,500	100	65	200	40
Lake	4,700	4,500	42	190,000	2,500	49	2,000	34
Lincoln	0	0	0	0	0	0	0	0
Mineral	0	0	0	0	0	0	0	0
Missoula	1,000	1,000	63	63,000	800	69	200	40
Powell	1,500	1,500	44	66,000	1,000	46	500	40
Ravalli	900	900	58	52,000	700	64	200	35
Sanders	500	500	42	21,000	100	50	400	40
NORTHWEST	**12,000**	**11,700**	**45**	**530,000**	**6,000**	**56**	**5,700**	**34**
Blaine	85,000	60,000	14	814,000	3,500	41	56,500	12
Chouteau	60,000	40,000	16	650,000	5,500	46	34,500	11
Glacier	98,000	85,000	20	1,677,000	5,000	35	80,000	19
Hill	190,000	158,000	12	1,900,000	500	40	157,500	12
Liberty	68,000	56,000	10	563,000	2,500	32	53,500	9
Phillips	75,000	60,000	12	700,000	2,500	24	57,500	11
Pondera	48,000	41,000	20	810,000	6,500	38	34,500	16
Teton	29,000	25,000	23	585,000	6,000	45	19,000	17
Toole	115,000	90,000	13	1,139,000	0	0	90,000	13
NORTH CENTRAL	**768,000**	**615,000**	**14**	**8,838,000**	**32,000**	**39**	**583,000**	**13**
Daniels	176,000	127,000	7	942,000	0	0	127,000	7
Dawson	74,000	50,000	9	437,000	100	40	49,900	9
Garfield	40,000	21,000	4	94,000	100	40	20,900	4
McCone	105,000	78,000	8	586,000	800	25	77,200	7
Richland	110,000	75,000	10	730,000	4,800	35	70,200	8
Roosevelt	201,000	139,000	7	972,000	700	24	138,300	7
Sheridan	55,000	44,000	8	353,000	0	0	44,000	8
Valley	235,000	184,000	8	1,420,000	3,500	24	180,500	7
NORTHEAST	**996,000**	**718,000**	**8**	**5,534,000**	**10,000**	**30**	**708,000**	**7**
Broadwater	14,800	13,000	39	506,000	7,500	55	5,500	17
Cascade	21,000	17,500	23	403,000	4,500	56	13,000	12
Fergus	9,000	8,000	14	110,000	0	0	8,000	14
Golden Valley	3,000	2,000	11	21,000	0	0	2,000	11
Judith Basin	5,000	4,000	19	75,000	0	0	4,000	19
Lewis & Clark	3,200	3,000	27	82,000	600	53	2,400	21
Meagher	1,500	1,000	23	23,000	400	40	600	12
Musselshell	1,500	1,000	12	12,000	0	0	1,000	12
Petroleum	1,000	500	14	7,000	0	0	500	14
Wheatland	3,000	2,000	9	17,000	0	0	2,000	9
CENTRAL	**63,000**	**52,000**	**24**	**1,256,000**	**13,000**	**55**	**39,000**	**14**
Beaverhead	9,000	7,800	39	308,000	5,500	50	2,300	15
Gallatin	12,000	10,700	41	436,000	5,400	51	5,300	30
Jefferson	3,000	2,000	20	40,000	100	50	1,900	18
Madison	4,000	3,800	32	121,000	3,000	37	800	14
Silver Bow	0	0	0	0	0	0	0	0
SOUTHWEST	**28,000**	**24,300**	**37**	**905,000**	**14,000**	**47**	**10,300**	**23**
Big Horn	9,400	6,000	26	156,000	3,200	39	2,800	11
Carbon	5,000	4,000	16	62,000	2,000	20	2,000	11
Park	3,100	2,000	17	34,000	200	40	1,800	14
Stillwater	6,000	4,000	10	41,000	100	40	3,900	9
Sweet Grass	1,100	1,000	10	10,000	0	0	1,000	10
Treasure	1,500	1,000	55	55,000	1,000	55	0	0
Yellowstone	7,900	5,000	20	100,000	1,500	45	3,500	9
SOUTH CENTRAL	**34,000**	**23,000**	**20**	**458,000**	**8,000**	**38**	**15,000**	**11**
Carter	11,000	5,000	10	51,000	0	0	5,000	10
Custer	4,000	2,000	17	33,000	400	33	1,600	13
Fallon	30,000	14,000	8	105,000	0	0	14,000	8
Powder River	2,000	1,000	6	6,000	0	0	1,000	6
Prairie	3,000	1,500	9	14,000	100	40	1,400	7
Rosebud	10,000	5,500	18	98,000	1,500	49	4,000	6
Wibaux	39,000	27,000	6	172,000	0	0	27,000	6
SOUTHEAST	**99,000**	**56,000**	**9**	**479,000**	**2,000**	**46**	**54,000**	**7**
MONTANA	**2,000,000**	**1,500,000**	**12**	**18,000,000**	**85,000**	**43**	**1,415,000**	**10**

SPRING WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Deerlodge	1,000	900	61	55,000	900	61	0	0
Flathead	15,500	15,300	52	790,000	6,300	56	9,000	49
Granite	700	700	40	28,000	500	44	200	30
Lake	17,200	16,600	41	677,000	7,300	62	9,300	24
Lincoln	0	0	0	0	0	0	0	0
Mineral	200	200	23	4,500	0	0	200	23
Missoula	6,000	5,100	34	175,000	2,100	45	3,000	27
Powell	4,500	3,800	52	197,000	1,800	83	2,000	24
Ravalli	2,600	2,500	29	73,500	900	56	1,600	15
Sanders	2,300	1,900	37	70,000	600	83	1,300	15
NORTHWEST	**50,000**	**47,000**	**44**	**2,070,000**	**20,400**	**60**	**26,600**	**32**
Blaine	153,000	149,000	29	4,395,000	11,000	49	138,000	28
Chouteau	221,000	216,000	31	6,750,000	2,100	33	213,900	31
Glacier	163,000	159,000	37	5,960,000	5,000	42	154,000	37
Hill	439,000	430,000	25	10,815,000	2,000	33	428,000	25
Liberty	202,000	198,000	33	6,565,000	1,500	57	196,500	33
Phillips	117,000	114,000	26	2,910,000	2,900	38	111,100	25
Pondera	98,000	95,000	40	3,840,000	12,000	48	83,000	39
Teton	51,000	50,000	36	1,810,000	7,400	46	42,600	35
Toole	192,000	188,000	31	5,814,000	100	40	187,900	31
NORTH CENTRAL	**1,636,000**	**1,599,000**	**31**	**48,859,000**	**44,000**	**45**	**1,555,000**	**30**
Daniels	195,000	190,000	13	2,422,000	300	40	189,700	13
Dawson	151,000	150,000	22	3,351,000	1,300	55	148,700	22
Garfield	56,000	55,000	22	1,235,000	300	40	54,700	22
McCone	161,000	159,000	19	3,043,000	1,500	39	157,500	19
Richland	162,000	159,000	19	3,019,000	8,900	64	150,100	16
Roosevelt	269,000	263,000	16	4,190,000	1,300	46	261,700	16
Sheridan	93,000	91,000	16	1,423,000	900	44	90,100	15
Valley	293,000	281,000	15	4,322,000	12,500	53	268,500	14
NORTHEAST	**1,380,000**	**1,348,000**	**17**	**23,005,000**	**27,000**	**55**	**1,321,000**	**16**
Broadwater	31,500	30,000	34	1,009,000	14,000	50	16,000	19
Cascade	28,500	27,500	36	992,000	3,900	52	23,600	33
Fergus	20,000	19,500	28	550,000	100	50	19,400	28
Golden Valley	21,000	18,000	15	270,000	900	33	17,100	14
Judith Basin	18,000	17,500	30	520,000	300	33	17,200	30
Lewis & Clark	7,000	6,900	36	245,000	3,500	54	3,400	16
Meagher	1,200	1,200	27	32,000	700	36	500	14
Musselshell	3,000	3,000	28	84,000	600	47	2,400	23
Petroleum	9,800	9,500	16	150,000	300	50	9,200	15
Wheatland	20,000	17,900	24	433,000	700	36	17,200	24
CENTRAL	**160,000**	**151,000**	**28**	**4,285,000**	**25,000**	**49**	**126,000**	**24**
Beaverhead	9,000	8,000	39	314,000	4,200	59	3,800	18
Gallatin	18,000	17,700	41	726,000	8,200	56	9,500	28
Jefferson	3,900	3,800	16	60,000	0	0	3,800	16
Madison	8,500	7,900	33	258,000	4,000	43	3,900	23
Silver Bow	600	600	28	17,000	200	50	400	18
SOUTHWEST	**40,000**	**38,000**	**36**	**1,375,000**	**16,600**	**54**	**21,400**	**23**
Big Horn	15,000	13,700	35	478,000	4,300	62	9,400	23
Carbon	8,700	8,600	26	225,000	2,500	52	6,100	16
Park	3,600	3,500	36	124,500	1,500	50	2,000	25
Stillwater	11,500	11,300	17	188,000	600	40	10,700	15
Sweet Grass	1,600	1,500	24	36,500	100	50	1,400	23
Treasure	1,600	1,600	64	102,000	1,300	72	300	27
Yellowstone	14,000	13,800	27	377,000	2,700	62	11,100	19
SOUTH CENTRAL	**56,000**	**54,000**	**28**	**1,531,000**	**13,000**	**58**	**41,000**	**19**
Carter	36,500	35,000	20	708,000	0	0	35,000	20
Custer	16,500	16,000	31	493,000	4,400	57	11,600	21
Fallon	50,000	39,900	19	765,000	0	0	39,900	19
Powder River	5,500	5,300	22	117,000	800	38	4,500	19
Prairie	15,000	14,800	29	432,000	1,200	58	13,600	27
Rosebud	13,000	11,800	35	413,000	5,300	57	6,500	17
Wibaux	41,500	40,200	24	947,000	300	50	39,900	23
SOUTHEAST	**178,000**	**163,000**	**24**	**3,875,000**	**12,000**	**55**	**151,000**	**21**
MONTANA	**3,500,000**	**3,400,000**	**25**	**85,000,000**	**158,000**	**52**	**3,242,000**	**24**

DURUM WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Blaine	100	100	7	700	0	0	100	7
Chouteau	4,000	2,700	6	17,000	0	0	2,700	6
Glacier	1,400	1,200	13	15,500	0	0	1,200	13
Hill	600	500	13	6,500	0	0	500	13
Liberty	600	500	6	2,800	0	0	500	6
Phillips	700	600	15	9,000	0	0	600	15
Pondera	8,800	8,600	15	133,000	1,300	45	7,300	10
Teton	5,700	5,100	11	55,000	700	31	4,400	8
Toole	7,000	6,700	8	50,500	0	0	6,700	8
NORTH CENTRAL	**28,900**	**26,000**	**11**	**290,000**	**2,000**	**40**	**24,000**	**9**
Daniels	3,500	3,200	10	33,000	0	0	3,200	10
Dawson	1,100	1,000	8	8,000	0	0	1,000	8
McCone	1,100	1,000	6	6,300	0	0	1,000	6
Richland	1,500	1,300	13	17,000	200	35	1,100	9
Roosevelt	43,500	32,500	9	301,300	0	0	32,500	9
Sheridan	195,600	161,000	8	1,316,400	500	50	160,500	8
Valley	1,100	1,000	13	13,000	300	27	700	7
NORTHEAST	**247,400**	**201,000**	**8**	**1,695,000**	**1,000**	**40**	**200,000**	**8**
Broadwater	500	500	52	26,200	400	63	100	12
Cascade	400	200	10	1,900	0	0	200	10
Fergus	100	100	7	700	0	0	100	7
Judith Basin	100	100	14	1,400	0	0	100	14
Lewis & Clark	200	200	9	1,800	0	0	200	9
CENTRAL	**1,300**	**1,100**	**29**	**32,000**	**400**	**63**	**700**	**10**
Beaverhead	100	100	60	6,000	100	60	0	0
Gallatin	200	200	60	12,000	200	60	0	0
Madison	200	200	55	11,000	200	55	0	0
SOUTHWEST	**500**	**500**	**58**	**29,000**	**500**	**58**	**0**	**0**
Carbon	600	500	22	11,000	100	50	400	15
SOUTH CENTRAL	**600**	**500**	**22**	**11,000**	**100**	**50**	**400**	**15**
Carter	100	0	0	0	0	0	0	0
Wibaux	1,200	900	14	13,000	0	0	900	14
SOUTHEAST	**1,300**	**900**	**14**	**13,000**	**0**	**0**	**900**	**14**
MONTANA	**280,000**	**230,000**	**9**	**2,070,000**	**4,000**	**45**	**226,000**	**8**

DURUM WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			--Bushels--			--Bu.--		--Bu.--
Lake	100	100	40	4,000	100	40	0	0
Sanders	200	200	40	8,000	100	50	100	30
NORTHWEST	**300**	**300**	**40**	**12,000**	**200**	**45**	**100**	**30**
Blaine	2,600	2,500	36	90,000	100	40	2,400	36
Chouteau	9,100	9,000	35	313,000	0	0	9,000	35
Glacier	11,000	10,800	34	365,000	0	0	10,800	34
Hill	7,600	7,500	31	235,000	0	0	7,500	31
Liberty	4,100	4,000	29	115,000	0	0	4,000	29
Phillips	200	200	15	3,000	0	0	200	15
Pondera	10,400	10,000	39	391,000	1,300	52	8,700	37
Teton	12,100	12,000	38	454,500	200	48	11,800	38
Toole	9,100	9,000	31	276,500	300	45	8,700	30
NORTH CENTRAL	**66,200**	**65,000**	**35**	**2,243,000**	**1,900**	**50**	**63,100**	**34**
Daniels	4,100	4,000	15	61,000	0	0	4,000	15
Dawson	1,000	1,000	15	15,000	0	0	1,000	15
McCone	1,000	1,000	27	26,500	0	0	1,000	27
Richland	1,000	1,000	23	22,500	0	0	1,000	23
Roosevelt	37,000	35,000	14	498,000	0	0	35,000	14
Sheridan	220,600	219,000	13	2,905,000	1,300	69	217,700	13
Valley	1,000	1,000	30	30,000	600	42	400	13
NORTHEAST	**265,700**	**262,000**	**14**	**3,558,000**	**1,900**	**61**	**260,100**	**13**
Cascade	4,200	4,100	28	114,000	0	0	4,100	28
Fergus	500	500	34	17,000	0	0	500	34
Meagher	400	400	23	9,000	0	0	400	23
CENTRAL	**5,100**	**5,000**	**28**	**140,000**	**0**	**0**	**5,000**	**28**
Gallatin	100	100	50	5,000	100	50	0	0
Madison	300	300	40	12,000	300	40	0	0
SOUTHWEST	**400**	**400**	**43**	**17,000**	**400**	**43**	**0**	**0**
Big Horn	600	600	28	17,000	0	0	600	28
Carbon	100	100	40	4,000	100	40	0	0
Park	600	600	18	11,000	0	0	600	18
SOUTH CENTRAL	**1,300**	**1,300**	**25**	**32,000**	**100**	**40**	**1,200**	**23**
Fallon	200	200	20	4,000	0	0	200	20
Prairie	100	100	30	3,000	0	0	100	30
Wibaux	700	700	30	21,000	0	0	700	30
SOUTHEAST	**1,000**	**1,000**	**28**	**28,000**	**0**	**0**	**1,000**	**28**
MONTANA	**340,000**	**335,000**	**18**	**6,030,000**	**4,500**	**53**	**330,500**	**18**

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			-----Bushels-----			--Bu.--		--Bu.--
Deerlodge	700	500	42	21,000	500	42	0	0
Flathead	22,500	20,000	58	1,166,000	11,500	74	8,500	37
Granite	400	300	43	13,000	200	45	100	40
Lake	13,000	12,000	48	575,000	6,900	57	5,100	35
Lincoln	0	0	0	0	0	0	0	0
Mineral	0	0	0	0	0	0	0	0
Missoula	2,200	2,000	39	78,000	1,700	40	300	33
Powell	4,500	3,000	51	152,000	2,000	65	1,000	22
Ravalli	5,900	5,500	60	329,000	5,000	63	500	24
Sanders	800	700	30	21,000	200	50	500	22
NORTHWEST	**50,000**	**44,000**	**54**	**2,355,000**	**28,000**	**64**	**16,000**	**34**
Blaine	48,000	28,000	20	565,000	3,500	43	24,500	17
Chouteau	229,000	123,000	14	1,720,000	1,500	67	121,500	13
Glacier	75,000	63,000	24	1,540,000	7,300	74	55,700	18
Hill	98,000	73,000	20	1,457,000	1,700	44	71,300	19
Liberty	55,000	42,000	14	597,000	1,500	47	40,500	13
Phillips	41,000	34,000	21	712,000	1,400	50	32,600	20
Pondera	120,000	104,000	26	2,710,000	31,000	40	73,000	20
Teton	99,000	86,000	46	3,980,000	40,900	73	45,100	22
Toole	75,000	62,000	22	1,365,000	1,200	63	60,800	21
NORTH CENTRAL	**840,000**	**615,000**	**24**	**14,646,000**	**90,000**	**59**	**525,000**	**18**
Daniels	32,000	20,000	10	195,000	0	0	20,000	10
Dawson	38,000	24,000	9	219,000	400	35	23,600	9
Garfield	27,000	16,000	8	123,000	0	0	16,000	8
McCone	35,000	22,000	7	148,000	0	0	22,000	7
Richland	38,000	20,000	14	278,000	2,000	43	18,000	11
Roosevelt	40,000	21,000	8	173,000	200	55	20,800	8
Sheridan	55,000	37,000	10	384,000	100	50	36,900	10
Valley	56,000	35,000	12	410,000	1,300	38	33,700	11
NORTHEAST	**321,000**	**195,000**	**10**	**1,930,000**	**4,000**	**41**	**191,000**	**9**
Broadwater	16,000	14,500	32	466,000	5,300	53	9,200	20
Cascade	67,000	47,000	22	1,024,000	8,000	49	39,000	16
Fergus	99,500	85,000	20	1,700,000	800	38	84,200	20
Golden Valley	5,000	2,500	22	54,000	600	50	1,900	13
Judith Basin	60,000	50,000	19	940,000	1,300	38	48,700	18
Lewis & Clark	10,500	8,500	39	334,000	4,500	53	4,000	24
Meagher	22,000	13,000	17	220,000	1,500	47	11,500	13
Musselshell	8,000	7,000	11	78,000	0	0	7,000	11
Petroleum	3,000	2,000	18	36,000	0	0	2,000	18
Wheatland	8,000	5,500	19	104,000	1,000	40	4,500	14
CENTRAL	**299,000**	**235,000**	**21**	**4,956,000**	**23,000**	**49**	**212,000**	**18**
Beaverhead	12,000	8,000	62	495,000	6,700	69	1,300	27
Gallatin	50,000	44,000	43	1,880,000	15,000	59	29,000	34
Jefferson	4,000	2,000	50	99,000	1,800	53	200	20
Madison	8,500	6,500	55	357,000	6,000	58	500	24
Silver Bow	500	500	60	30,000	500	60	0	0
SOUTHWEST	**75,000**	**61,000**	**47**	**2,861,000**	**30,000**	**60**	**31,000**	**34**
Big Horn	26,000	19,000	36	676,000	8,000	63	11,000	16
Carbon	11,500	9,000	65	582,000	8,500	67	500	24
Park	10,000	7,000	34	241,000	3,400	50	3,600	20
Stillwater	20,000	11,500	15	178,000	600	67	10,900	13
Sweet Grass	5,000	2,500	34	85,000	1,000	60	1,500	17
Treasure	2,500	2,000	65	130,000	2,000	65	0	0
Yellowstone	30,000	24,000	42	1,002,000	12,500	66	11,500	15
SOUTH CENTRAL	**105,000**	**75,000**	**39**	**2,894,000**	**36,000**	**64**	**39,000**	**15**
Carter	13,000	2,000	10	20,000	0	0	2,000	10
Custer	17,000	2,500	33	82,000	1,800	41	700	11
Fallon	20,000	5,500	8	43,000	0	0	5,500	8
Powder River	8,000	2,000	8	15,000	0	0	2,000	8
Prairie	16,000	3,000	12	35,000	200	50	2,800	9
Rosebud	25,000	8,000	18	146,500	2,000	48	6,000	8
Wibaux	11,000	2,000	8	16,500	0	0	2,000	8
SOUTHEAST	**110,000**	**25,000**	**14**	**358,000**	**4,000**	**45**	**21,000**	**8**
MONTANA	**1,800,000**	**1,250,000**	**24**	**30,000,000**	**215,000**	**59**	**1,035,000**	**17**

BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			-----Bushels-----			--Bu.--		--Bu.--
Deerlodge	1,500	500	70	35,000	500	70	0	0
Flathead	34,100	33,100	67	2,210,000	15,600	74	17,500	61
Granite	800	500	58	29,000	400	60	100	50
Lake	15,000	13,000	44	568,000	7,500	50	5,500	35
Lincoln	0	0	0	0	0	0	0	0
Mineral	0	0	0	0	0	0	0	0
Missoula	2,300	1,500	41	62,000	800	50	700	31
Powell	5,000	3,600	68	244,000	2,800	73	800	50
Ravalli	7,100	7,000	62	436,000	5,100	70	1,900	41
Sanders	1,200	800	43	34,000	300	50	500	38
NORTHWEST	**67,000**	**60,000**	**60**	**3,618,000**	**33,000**	**67**	**27,000**	**53**
Blaine	38,000	37,000	44	1,616,000	5,500	65	31,500	40
Chouteau	188,000	184,000	45	8,252,000	1,500	69	182,500	45
Glacier	92,000	90,000	50	4,516,000	15,500	55	74,500	49
Hill	67,000	65,000	33	2,137,000	1,000	60	64,000	32
Liberty	48,000	47,000	46	2,152,000	1,300	67	45,700	45
Phillips	38,700	37,000	35	1,294,000	1,600	48	35,400	34
Pondera	111,800	106,000	54	5,774,000	31,700	63	74,300	51
Teton	115,500	112,000	57	6,374,000	47,000	68	65,000	49
Toole	75,000	73,000	48	3,533,000	1,900	56	71,100	48
NORTH CENTRAL	**774,000**	**751,000**	**47**	**35,648,000**	**107,000**	**64**	**644,000**	**45**
Daniels	25,000	22,000	17	373,000	0	0	22,000	17
Dawson	32,300	30,000	30	891,000	300	50	29,700	29
Garfield	17,700	17,000	39	662,000	0	0	17,000	39
McCone	35,000	32,000	28	911,000	100	50	31,900	28
Richland	39,000	36,000	23	824,000	1,400	66	34,600	21
Roosevelt	36,000	34,000	19	655,000	100	50	33,900	19
Sheridan	35,700	34,000	15	518,000	400	65	33,600	15
Valley	48,300	40,000	20	800,000	600	60	39,400	19
NORTHEAST	**269,000**	**245,000**	**23**	**5,634,000**	**2,900**	**62**	**242,100**	**23**
Broadwater	17,000	15,000	33	495,000	5,000	56	10,000	22
Cascade	77,000	75,000	47	3,538,000	10,200	65	64,800	44
Fergus	110,000	107,000	42	4,471,000	400	50	106,600	42
Golden Valley	8,000	7,500	33	248,000	200	50	7,300	33
Judith Basin	60,000	59,000	43	2,527,000	1,000	53	58,000	43
Lewis & Clark	12,500	12,000	50	594,000	6,000	68	6,000	31
Meagher	18,700	13,500	28	374,000	1,600	48	11,900	25
Musselshell	9,000	8,300	32	264,000	100	60	8,200	31
Petroleum	2,800	2,200	31	68,000	200	60	2,000	28
Wheatland	21,000	13,500	34	454,000	1,300	56	12,200	31
CENTRAL	**336,000**	**313,000**	**42**	**13,033,000**	**26,000**	**62**	**287,000**	**40**
Beaverhead	15,900	12,000	65	779,000	10,500	67	1,500	50
Gallatin	58,500	57,000	53	3,022,000	21,000	72	36,000	42
Jefferson	3,000	2,400	26	62,000	300	70	2,100	20
Madison	11,000	9,100	44	402,000	6,700	52	2,400	23
Silver Bow	600	500	50	25,000	500	50	0	0
SOUTHWEST	**89,000**	**81,000**	**53**	**4,290,000**	**39,000**	**67**	**42,000**	**40**
Big Horn	23,400	23,000	51	1,171,000	9,300	76	13,700	34
Carbon	13,900	11,900	69	816,000	8,600	84	3,300	27
Park	10,600	8,800	40	349,000	3,200	52	5,600	33
Stillwater	16,800	16,500	27	450,000	500	82	16,000	26
Sweet Grass	4,500	3,700	38	141,000	900	71	2,800	28
Treasure	3,600	2,800	83	232,000	2,800	83	0	0
Yellowstone	24,200	23,300	56	1,296,000	12,700	76	10,600	32
SOUTH CENTRAL	**97,000**	**90,000**	**50**	**4,455,000**	**38,000**	**76**	**52,000**	**30**
Carter	6,800	5,800	23	131,000	0	0	5,800	23
Custer	10,200	7,500	35	259,000	700	63	6,800	32
Fallon	12,000	11,000	28	306,000	0	0	11,000	28
Powder River	6,700	5,700	32	183,000	100	50	5,600	32
Prairie	9,200	8,000	38	307,000	600	60	7,400	37
Rosebud	13,400	13,000	47	617,000	2,700	80	10,300	39
Wibaux	9,700	9,000	35	319,000	0	0	9,000	35
SOUTHEAST	**68,000**	**60,000**	**35**	**2,122,000**	**4,100**	**73**	**55,900**	**33**
MONTANA	**1,700,000**	**1,600,000**	**43**	**68,800,000**	**250,000**	**66**	**1,350,000**	**39**

OATS: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			----Bushels----			--Bu.--		--Bu.--
Deerlodge	0	0	0	0	0	0	0	0
Flathead	1,300	1,000	57	57,000	500	84	500	30
Granite	100	100	80	8,000	100	80	0	0
Lake	2,900	2,100	64	134,500	1,600	76	500	25
Lincoln	100	100	35	3,500	0	0	100	35
Mineral	0	0	0	0	0	0	0	0
Missoula	600	300	42	12,500	100	60	200	33
Powell	1,000	700	55	38,500	400	75	300	28
Ravalli	1,200	800	85	68,000	700	93	100	30
Sanders	1,100	400	58	23,000	200	85	200	30
NORTHWEST	**8,300**	**5,500**	**63**	**345,000**	**3,600**	**81**	**1,900**	**29**
Blaine	5,300	2,100	55	115,000	1,100	68	1,000	40
Chouteau	7,300	3,000	26	77,000	200	60	2,800	23
Glacier	3,000	1,400	24	33,000	0	0	1,400	24
Hill	7,200	2,900	26	74,000	100	70	2,800	24
Liberty	2,000	500	30	15,000	0	0	500	30
Phillips	4,800	1,900	36	68,000	800	45	1,100	29
Pondera	2,000	1,000	23	23,000	0	0	1,000	23
Teton	1,400	800	33	26,000	300	50	500	22
Toole	4,000	2,100	30	64,000	0	0	2,100	30
NORTH CENTRAL	**37,000**	**15,700**	**32**	**495,000**	**2,500**	**58**	**13,200**	**27**
Daniels	6,000	2,000	15	30,000	0	0	2,000	15
Dawson	10,600	3,500	17	59,000	200	45	3,300	15
Garfield	16,000	7,500	11	82,000	0	0	7,500	11
McCone	15,600	6,000	12	74,000	300	47	5,700	11
Richland	14,400	5,400	26	140,000	1,200	64	4,200	15
Roosevelt	13,300	5,000	12	61,000	200	45	4,800	11
Sheridan	12,300	4,500	16	70,500	100	60	4,400	15
Valley	11,000	3,500	16	55,000	0	0	3,500	16
NORTHEAST	**99,200**	**37,400**	**15**	**571,500**	**2,000**	**58**	**35,400**	**13**
Broadwater	1,800	1,100	49	53,500	800	59	300	22
Cascade	2,400	1,200	52	62,000	700	71	500	24
Fergus	6,300	3,000	30	91,000	200	65	2,800	28
Golden Valley	1,500	900	32	28,500	300	60	600	18
Judith Basin	3,500	2,000	30	60,000	0	0	2,000	31
Lewis & Clark	1,600	1,100	53	58,000	900	60	200	20
Meagher	4,400	2,000	33	66,000	400	65	1,600	25
Musselshell	2,100	1,000	58	58,000	800	69	200	15
Petroleum	1,000	600	48	29,000	400	65	200	15
Wheatland	1,800	1,100	58	64,000	1,000	61	100	30
CENTRAL	**26,400**	**14,000**	**41**	**570,000**	**5,500**	**64**	**8,500**	**26**
Beaverhead	400	300	73	22,000	300	73	0	0
Gallatin	2,200	1,500	65	97,500	1,400	67	100	35
Jefferson	1,700	1,200	72	86,000	1,200	72	0	0
Madison	2,000	900	51	46,000	900	51	0	0
Silver Bow	200	100	70	7,000	100	70	0	0
SOUTHWEST	**6,500**	**4,000**	**65**	**258,500**	**3,900**	**65**	**100**	**35**
Big Horn	2,200	900	26	23,000	100	80	800	19
Carbon	4,400	1,900	55	105,000	1,500	67	400	13
Park	2,000	1,100	58	64,000	900	67	200	20
Stillwater	2,000	1,100	28	31,000	300	77	800	10
Sweet Grass	2,300	1,100	55	61,000	1,100	55	0	0
Treasure	1,500	900	60	54,000	600	83	300	13
Yellowstone	2,600	1,400	62	87,000	1,000	78	400	23
SOUTH CENTRAL	**17,000**	**8,400**	**51**	**425,000**	**5,500**	**69**	**2,900**	**16**
Carter	2,000	500	13	6,500	0	0	500	13
Custer	1,700	700	78	54,500	600	88	100	15
Fallon	2,800	900	9	8,000	0	0	900	9
Powder River	4,400	1,300	9	12,000	0	0	1,300	9
Prairie	1,200	400	28	11,000	100	70	300	13
Rosebud	1,300	500	54	27,000	300	83	200	10
Wibaux	2,200	700	9	6,000	0	0	700	9
SOUTHEAST	**15,600**	**5,000**	**25**	**125,000**	**1,000**	**85**	**4,000**	**10**
MONTANA	**210,000**	**90,000**	**31**	**2,790,000**	**24,000**	**68**	**66,000**	**18**

OATS: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			----Bushels----			--Bu.--		--Bu.--
Deerlodge	100	0	0	0	0	0	0	0
Flathead	3,000	2,000	50	100,000	800	69	1,200	38
Granite	400	200	60	12,000	100	80	100	40
Lake	5,500	4,400	62	272,000	3,500	69	900	33
Lincoln	0	0	0	0	0	0	0	0
Mineral	200	100	30	3,000	0	0	100	30
Missoula	1,800	800	75	60,000	500	90	300	50
Powell	1,500	400	50	20,000	200	75	200	25
Ravalli	1,500	1,500	79	118,000	1,400	82	100	30
Sanders	2,000	600	75	45,000	500	80	100	50
NORTHWEST	**16,000**	**10,000**	**63**	**630,000**	**7,000**	**74**	**3,000**	**37**
Blaine	9,500	5,100	54	277,000	1,800	71	3,300	45
Chouteau	7,500	7,100	40	285,000	0	0	7,100	40
Glacier	5,000	2,800	61	170,000	700	86	2,100	52
Hill	6,200	2,000	40	80,000	0	0	2,000	40
Liberty	3,000	900	44	40,000	0	0	900	44
Phillips	11,500	5,300	45	239,000	1,000	69	4,300	40
Pondera	3,300	2,500	59	148,000	600	88	1,900	50
Teton	2,000	1,800	62	111,000	900	68	900	56
Toole	4,000	1,500	47	70,000	0	0	1,500	47
NORTH CENTRAL	**52,000**	**29,000**	**49**	**1,420,000**	**5,000**	**74**	**24,000**	**44**
Daniels	7,500	3,200	20	65,000	0	0	3,200	20
Dawson	11,000	7,200	47	340,000	1,400	86	5,800	38
Garfield	8,500	4,300	36	155,000	0	0	4,300	36
McCone	9,000	3,900	33	130,000	0	0	3,900	33
Richland	18,000	9,600	38	369,000	2,100	92	7,500	23
Roosevelt	11,000	4,600	26	120,000	200	75	4,400	24
Sheridan	11,000	6,900	20	137,000	100	70	6,800	19
Valley	9,000	3,300	25	84,000	200	70	3,100	23
NORTHEAST	**85,000**	**43,000**	**33**	**1,400,000**	**4,000**	**88**	**39,000**	**27**
Broadwater	1,400	1,300	58	75,000	900	76	400	18
Cascade	5,000	3,500	45	158,000	300	60	3,200	44
Fergus	6,500	4,700	48	225,000	0	0	4,700	48
Golden Valley	1,500	1,400	44	61,000	100	60	1,300	42
Judith Basin	4,600	4,000	58	231,000	400	65	3,600	57
Lewis & Clark	2,500	1,200	78	93,000	1,100	81	100	40
Meagher	2,500	1,600	41	65,000	900	56	700	21
Musselshell	2,500	1,500	40	60,000	700	50	800	31
Petroleum	500	500	54	27,000	400	63	100	20
Wheatland	2,000	1,300	73	95,000	1,200	78	100	20
CENTRAL	**29,000**	**21,000**	**52**	**1,090,000**	**6,000**	**68**	**15,000**	**45**
Beaverhead	1,800	900	78	70,000	900	78	0	0
Gallatin	2,900	2,400	60	143,000	1,500	71	900	41
Jefferson	1,000	900	76	68,000	800	81	100	30
Madison	2,000	700	60	42,000	700	60	0	0
Silver Bow	300	100	70	7,000	100	70	0	0
SOUTHWEST	**8,000**	**5,000**	**66**	**330,000**	**4,000**	**73**	**1,000**	**40**
Big Horn	5,000	3,100	55	169,000	600	88	2,500	46
Carbon	4,500	2,700	62	168,000	1,800	75	900	37
Park	3,000	2,400	57	137,000	1,600	66	800	40
Stillwater	2,800	2,200	43	95,000	400	68	1,800	38
Sweet Grass	3,400	2,000	56	111,000	1,800	58	200	30
Treasure	1,300	1,100	68	75,000	500	90	600	50
Yellowstone	5,000	4,500	57	255,000	1,800	83	2,700	39
SOUTH CENTRAL	**25,000**	**18,000**	**56**	**1,010,000**	**8,500**	**73**	**9,500**	**41**
Carter	7,000	2,700	22	60,000	0	0	2,700	22
Custer	4,500	2,400	55	133,000	800	79	1,600	44
Fallon	8,000	3,400	35	120,000	0	0	3,400	35
Powder River	5,000	3,900	40	155,000	0	0	3,900	40
Prairie	3,000	1,100	57	63,000	200	75	900	53
Rosebud	3,500	2,300	52	119,000	500	64	1,800	48
Wibaux	4,000	3,200	44	140,000	0	0	3,200	44
SOUTHEAST	**35,000**	**19,000**	**42**	**790,000**	**1,500**	**73**	**17,500**	**39**
MONTANA	**250,000**	**145,000**	**46**	**6,670,000**	**36,000**	**74**	**109,000**	**37**

CORN: Acreage, Utilization, and Yield By Counties, Irrigated and Non-Irrigated, 1988

COUNTY & DISTRICT	ACRES			HARVESTED FOR SILAGE			
				Irrigated		Non-Irrigated	
	Total Planted	Harvested For Grain	Harvested For Silage	Harvested Acres	Yield Per Acre -Ton-	Harvested Acres	Yield Per Acre -Ton-
Flathead	100	0	100	100	23	0	0
Lake	400	0	400	400	21	0	0
Missoula	100	0	100	100	22	0	0
Ravalli	300	0	300	300	23	0	0
Sanders	0	0	0	0	0	0	0
NORTHWEST	**900**	**0**	**900**	**900**	**22**	**0**	**0**
Blaine	1,100	300	600	400	17	200	5
Chouteau	100	0	100	100	17	0	0
Hill	200	0	200	200	17	0	0
Liberty	0	0	0	0	0	0	0
Phillips	300	0	300	300	17	0	0
Pondera	0	0	0	0	0	0	0
NORTH CENTRAL	**1,700**	**300**	**1,200**	**1,000**	**17**	**200**	**5**
Dawson	4,000	400	3,400	3,100	18	300	5
Garfield	800	0	800	800	20	0	0
McCone	400	0	300	300	20	0	0
Richland	10,700	1,000	9,300	9,300	21	0	0
Roosevelt	2,500	0	2,300	2,300	21	0	0
Sheridan	100	0	100	100	20	0	0
Valley	1,500	0	1,400	1,400	16	0	0
NORTHEAST	**20,000**	**1,400**	**17,600**	**17,300**	**20**	**300**	**5**
Broadwater	0	0	0	0	0	0	0
Cascade	200	0	200	200	16	0	0
Fergus	100	0	100	100	20	0	0
Golden Valley	100	0	100	100	20	0	0
Judith Basin	0	0	0	0	0	0	0
Musselshell	800	0	800	800	18	0	0
CENTRAL	**1,200**	**0**	**1,200**	**1,200**	**18**	**0**	**0**
Gallatin	100	0	100	100	16	0	0
SOUTHWEST	**100**	**0**	**100**	**100**	**16**	**0**	**0**
Big Horn	4,700	3,000	1,500	1,500	22	0	0
Carbon	10,800	3,000	7,500	7,500	19	0	0
Stillwater	3,200	200	2,900	2,900	21	0	0
Treasure	5,600	2,000	3,500	3,500	20	0	0
Yellowstone	19,700	2,700	16,700	16,700	20	0	0
SOUTH CENTRAL	**44,000**	**10,900**	**32,100**	**32,100**	**20**	**0**	**0**
Carter	200	0	200	200	17	0	0
Custer	7,100	2,300	4,700	4,700	16	0	0
Fallon	600	0	400	400	18	0	0
Powder River	100	0	100	100	18	0	0
Prairie	6,500	900	5,400	5,400	15	0	0
Rosebud	6,100	4,200	1,700	1,700	18	0	0
Wibaux	1,500	0	1,400	1,400	17	0	0
SOUTHEAST	**22,100**	**7,400**	**13,900**	**13,900**	**16**	**0**	**0**
MONTANA	**90,000**	**20,000**	**67,000**	**66,500**	**19**	**500**	**5**

CORN: Acreage, Utilization, and Yield By Counties, Irrigated and Non-Irrigated, 1989

COUNTY & DISTRICT	ACRES			HARVESTED FOR SILAGE			
				Irrigated		Non-Irrigated	
	Total Planted	Harvested For Grain	Harvested For Silage	Harvested Acres	Yield Per Acre -Ton-	Harvested Acres	Yield Per Acre -Ton-
Flathead	200	0	200	100	20	100	4
Lake	800	0	800	700	20	100	4
Missoula	100	0	100	100	20	0	0
Ravalli	400	0	400	400	20	0	0
NORTHWEST	1,500	0	1,500	1,300	20	200	4
Blaine	1,000	0	1,000	1,000	21	0	0
Chouteau	100	0	100	100	20	0	0
Hill	100	0	100	100	20	0	0
Phillips	300	0	300	200	20	100	4
NORTH CENTRAL	1,500	0	1,500	1,400	21	100	4
Dawson	4,100	500	3,600	3,500	14	200	4
Garfield	200	0	200	200	18	0	0
McCone	100	0	100	100	18	0	0
Richland	8,000	200	7,700	6,000	20	1,600	4
Roosevelt	2,000	200	1,800	800	18	1,000	4
Sheridan	100	0	100	100	18	0	0
Valley	1,500	0	1,500	1,400	19	100	4
NORTHEAST	16,000	900	15,000	12,100	18	2,900	4
Cascade	500	0	500	500	22	0	0
Fergus	100	0	100	100	20	0	0
Golden Valley	100	0	100	100	20	0	0
Musselshell	300	0	300	300	23	0	0
CENTRAL	1,000	0	1,000	1,000	22	0	0
Big Horn	5,000	100	4,900	4,900	18	0	0
Carbon	9,200	600	8,600	8,600	19	0	0
Stillwater	2,000	0	2,000	2,000	20	0	0
Treasure	4,500	400	4,000	4,000	19	0	0
Yellowstone	19,300	500	18,700	18,600	20	100	5
SOUTH CENTRAL	40,000	1,600	38,200	38,100	19	100	5
Carter	100	0	100	0	0	100	5
Custer	5,700	900	4,800	4,500	17	300	4
Fallon	500	0	500	100	20	400	3
Powder River	300	0	300	200	20	100	4
Prairie	5,700	100	5,200	5,200	18	0	0
Rosebud	6,700	500	5,900	5,900	21	0	0
Wibaux	1,000	0	1,000	200	20	800	4
SOUTHEAST	20,000	1,500	17,800	16,100	19	1,700	4
MONTANA	80,000	4,000	75,000	70,000	19	5,000	4

OATS: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL				IRRIGATED		NON-IRRIGATED	
	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			----Bushels----			--Bu.--		--Bu.--
Deerlodge	0	0	0	0	0	0	0	0
Flathead	1,300	1,000	57	57,000	500	84	500	30
Granite	100	100	80	8,000	100	80	0	0
Lake	2,900	2,100	64	134,500	1,600	76	500	25
Lincoln	100	100	35	3,500	0	0	100	35
Mineral	0	0	0	0	0	0	0	0
Missoula	600	300	42	12,500	100	60	200	33
Powell	1,000	700	55	38,500	400	75	300	28
Ravalli	1,200	800	85	68,000	700	93	100	30
Sanders	1,100	400	58	23,000	200	85	200	30
NORTHWEST	**8,300**	**5,500**	**63**	**345,000**	**3,600**	**81**	**1,900**	**29**
Blaine	5,300	2,100	55	115,000	1,100	68	1,000	40
Chouteau	7,300	3,000	26	77,000	200	60	2,800	23
Glacier	3,000	1,400	24	33,000	0	0	1,400	24
Hill	7,200	2,900	26	74,000	100	70	2,800	24
Liberty	2,000	500	30	15,000	0	0	500	30
Phillips	4,800	1,900	36	68,000	800	45	1,100	29
Pondera	2,000	1,000	23	23,000	0	0	1,000	23
Teton	1,400	800	33	26,000	300	50	500	22
Toole	4,000	2,100	30	64,000	0	0	2,100	30
NORTH CENTRAL	**37,000**	**15,700**	**32**	**495,000**	**2,500**	**58**	**13,200**	**27**
Daniels	6,000	2,000	15	30,000	0	0	2,000	15
Dawson	10,600	3,500	17	59,000	200	45	3,300	15
Garfield	16,000	7,500	11	82,000	0	0	7,500	11
McCone	15,600	6,000	12	74,000	300	47	5,700	11
Richland	14,400	5,400	26	140,000	1,200	64	4,200	15
Roosevelt	13,300	5,000	12	61,000	200	45	4,800	11
Sheridan	12,300	4,500	16	70,500	100	60	4,400	15
Valley	11,000	3,500	16	55,000	0	0	3,500	16
NORTHEAST	**99,200**	**37,400**	**15**	**571,500**	**2,000**	**58**	**35,400**	**13**
Broadwater	1,800	1,100	49	53,500	800	59	300	22
Cascade	2,400	1,200	52	62,000	700	71	500	24
Fergus	6,300	3,000	30	91,000	200	65	2,800	28
Golden Valley	1,500	900	32	28,500	300	60	600	18
Judith Basin	3,500	2,000	30	60,000	0	0	2,000	31
Lewis & Clark	1,600	1,100	53	58,000	900	60	200	20
Meagher	4,400	2,000	33	66,000	400	65	1,600	25
Musselshell	2,100	1,000	58	58,000	800	69	200	15
Petroleum	1,000	600	48	29,000	400	65	200	15
Wheatland	1,800	1,100	58	64,000	1,000	61	100	30
CENTRAL	**26,400**	**14,000**	**41**	**570,000**	**5,500**	**64**	**8,500**	**26**
Beaverhead	400	300	73	22,000	300	73	0	0
Gallatin	2,200	1,500	65	97,500	1,400	67	100	35
Jefferson	1,700	1,200	72	86,000	1,200	72	0	0
Madison	2,000	900	51	46,000	900	51	0	0
Silver Bow	200	100	70	7,000	100	70	0	0
SOUTHWEST	**6,500**	**4,000**	**65**	**258,500**	**3,900**	**65**	**100**	**35**
Big Horn	2,200	900	26	23,000	100	80	800	19
Carbon	4,400	1,900	55	105,000	1,500	67	400	13
Park	2,000	1,100	58	64,000	900	67	200	20
Stillwater	2,000	1,100	28	31,000	300	77	800	10
Sweet Grass	2,300	1,100	55	61,000	1,100	55	0	0
Treasure	1,500	900	60	54,000	600	83	300	13
Yellowstone	2,600	1,400	62	87,000	1,000	78	400	23
SOUTH CENTRAL	**17,000**	**8,400**	**51**	**425,000**	**5,500**	**69**	**2,900**	**16**
Carter	2,000	500	13	6,500	0	0	500	13
Custer	1,700	700	78	54,500	600	88	100	15
Fallon	2,800	900	9	8,000	0	0	900	9
Powder River	4,400	1,300	9	12,000	0	0	1,300	9
Prairie	1,200	400	28	11,000	100	70	300	13
Rosebud	1,300	500	54	27,000	300	83	200	10
Wibaux	2,200	700	9	6,000	0	0	700	9
SOUTHEAST	**15,600**	**5,000**	**25**	**125,000**	**1,000**	**85**	**4,000**	**10**
MONTANA	**210,000**	**90,000**	**31**	**2,790,000**	**24,000**	**68**	**66,000**	**18**

OATS: Acreage, Yield, and Production, by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL Planted Acres	TOTAL Harvested Acres	TOTAL Yield Per Acre	TOTAL Production	IRRIGATED Harvested Acres	IRRIGATED Yield Per Acre	NON-IRRIGATED Harvested Acres	NON-IRRIGATED Yield Per Acre
			----Bushels----			--Bu.--		--Bu.--
Deerlodge	100	0	0	0	0	0	0	0
Flathead	3,000	2,000	50	100,000	800	69	1,200	38
Granite	400	200	60	12,000	100	80	100	40
Lake	5,500	4,400	62	272,000	3,500	69	900	33
Lincoln	0	0	0	0	0	0	0	0
Mineral	200	100	30	3,000	0	0	100	30
Missoula	1,800	800	75	60,000	500	90	300	50
Powell	1,500	400	50	20,000	200	75	200	25
Ravalli	1,500	1,500	79	118,000	1,400	82	100	30
Sanders	2,000	600	75	45,000	500	80	100	50
NORTHWEST	**16,000**	**10,000**	**63**	**630,000**	**7,000**	**74**	**3,000**	**37**
Blaine	9,500	5,100	54	277,000	1,800	71	3,300	45
Chouteau	7,500	7,100	40	285,000	0	0	7,100	40
Glacier	5,000	2,800	61	170,000	700	86	2,100	52
Hill	6,200	2,000	40	80,000	0	0	2,000	40
Liberty	3,000	900	44	40,000	0	0	900	44
Phillips	11,500	5,300	45	239,000	1,000	69	4,300	40
Pondera	3,300	2,500	59	148,000	600	88	1,900	50
Teton	2,000	1,800	62	111,000	900	68	900	56
Toole	4,000	1,500	47	70,000	0	0	1,500	47
NORTH CENTRAL	**52,000**	**29,000**	**49**	**1,420,000**	**5,000**	**74**	**24,000**	**44**
Daniels	7,500	3,200	20	65,000	0	0	3,200	20
Dawson	11,000	7,200	47	340,000	1,400	86	5,800	38
Garfield	8,500	4,300	36	155,000	0	0	4,300	36
McCone	9,000	3,900	33	130,000	0	0	3,900	33
Richland	18,000	9,600	38	369,000	2,100	92	7,500	23
Roosevelt	11,000	4,600	26	120,000	200	75	4,400	24
Sheridan	11,000	6,900	20	137,000	100	70	6,800	19
Valley	9,000	3,300	25	84,000	200	70	3,100	23
NORTHEAST	**85,000**	**43,000**	**33**	**1,400,000**	**4,000**	**88**	**39,000**	**27**
Broadwater	1,400	1,300	58	75,000	900	76	400	18
Cascade	5,000	3,500	45	158,000	300	60	3,200	44
Fergus	6,500	4,700	48	225,000	0	0	4,700	48
Golden Valley	1,500	1,400	44	61,000	100	60	1,300	42
Judith Basin	4,600	4,000	58	231,000	400	65	3,600	57
Lewis & Clark	2,500	1,200	78	93,000	1,100	81	100	40
Meagher	2,500	1,600	41	65,000	900	56	700	21
Musselshell	2,500	1,500	40	60,000	700	50	800	31
Petroleum	500	500	54	27,000	400	63	100	20
Wheatland	2,000	1,300	73	95,000	1,200	78	100	20
CENTRAL	**29,000**	**21,000**	**52**	**1,090,000**	**6,000**	**68**	**15,000**	**45**
Beaverhead	1,800	900	78	70,000	900	78	0	0
Gallatin	2,900	2,400	60	143,000	1,500	71	900	41
Jefferson	1,000	900	76	68,000	800	81	100	30
Madison	2,000	700	60	42,000	700	60	0	0
Silver Bow	300	100	70	7,000	100	70	0	0
SOUTHWEST	**8,000**	**5,000**	**66**	**330,000**	**4,000**	**73**	**1,000**	**40**
Big Horn	5,000	3,100	55	169,000	600	88	2,500	46
Carbon	4,500	2,700	62	168,000	1,800	75	900	37
Park	3,000	2,400	57	137,000	1,600	66	800	40
Stillwater	2,800	2,200	43	95,000	400	68	1,800	38
Sweet Grass	3,400	2,000	56	111,000	1,800	58	200	30
Treasure	1,300	1,100	68	75,000	500	90	600	50
Yellowstone	5,000	4,500	57	255,000	1,800	83	2,700	39
SOUTH CENTRAL	**25,000**	**18,000**	**56**	**1,010,000**	**8,500**	**73**	**9,500**	**41**
Carter	7,000	2,700	22	60,000	0	0	2,700	22
Custer	4,500	2,400	55	133,000	800	79	1,600	44
Fallon	8,000	3,400	35	120,000	0	0	3,400	35
Powder River	5,000	3,900	40	155,000	0	0	3,900	40
Prairie	3,000	1,100	57	63,000	200	75	900	53
Rosebud	3,500	2,300	52	119,000	500	64	1,800	48
Wibaux	4,000	3,200	44	140,000	0	0	3,200	44
SOUTHEAST	**35,000**	**19,000**	**42**	**790,000**	**1,500**	**73**	**17,500**	**39**
MONTANA	**250,000**	**145,000**	**46**	**6,670,000**	**36,000**	**74**	**109,000**	**37**

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL			IRRIGATED		NON-IRRIGATED	
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deerlodge	9,000	1.9	17,000	9,000	1.9	0	0.0
Flathead	31,000	2.1	64,500	18,000	2.6	13,000	1.3
Granite	30,000	1.6	48,500	29,000	1.6	1,000	1.0
Lake	61,000	2.3	140,200	50,000	2.5	11,000	1.5
Lincoln	12,000	1.8	22,000	8,500	2.2	3,500	0.9
Mineral	3,500	1.2	4,300	1,500	1.9	2,000	0.8
Missoula	21,500	2.2	47,500	20,000	2.3	1,500	1.0
Powell	48,000	1.5	74,000	44,000	1.6	4,000	0.6
Ravalli	42,000	2.4	101,500	40,000	2.5	2,000	1.3
Sanders	32,000	1.5	48,000	20,000	2.1	12,000	0.6
NORTHWEST	**290,000**	**2.0**	**567,500**	**240,000**	**2.1**	**50,000**	**1.1**
Blaine	24,000	1.3	31,000	16,000	1.8	8,000	0.4
Chouteau	19,500	1.0	19,500	10,500	1.6	9,000	0.3
Glacier	19,000	1.1	20,500	10,000	1.6	9,000	0.5
Hill	12,000	1.0	11,500	5,500	1.7	6,500	0.3
Liberty	3,500	1.1	3,700	1,300	1.8	2,200	0.6
Phillips	48,000	1.2	57,500	29,000	1.8	19,000	0.3
Pondera	18,000	1.9	33,600	13,000	2.4	5,000	0.6
Teton	34,000	1.8	61,900	27,500	2.2	6,500	0.3
Toole	7,000	0.8	5,800	2,200	2.0	4,800	0.3
NORTH CENTRAL	**185,000**	**1.3**	**245,000**	**115,000**	**1.9**	**70,000**	**0.4**
Daniels	16,000	0.5	8,000	1,500	2.0	14,500	0.3
Dawson	25,000	0.9	22,500	7,500	2.0	17,500	0.4
Garfield	16,500	0.8	13,000	6,000	1.6	10,500	0.3
McCone	26,500	0.7	19,000	6,000	1.7	20,500	0.4
Richland	28,000	1.1	31,000	11,500	2.2	16,500	0.4
Roosevelt	33,000	0.8	25,000	8,500	1.9	24,500	0.4
Sheridan	27,000	0.7	19,000	4,000	2.1	23,000	0.5
Valley	53,000	1.3	71,500	35,000	1.8	18,000	0.5
NORTHEAST	**225,000**	**0.9**	**209,000**	**80,000**	**1.9**	**145,000**	**0.4**
Broadwater	22,000	2.3	51,600	20,900	2.4	1,100	1.0
Cascade	42,000	0.9	39,500	11,000	2.2	31,000	0.5
Fergus	91,000	0.9	81,000	17,500	1.9	73,500	0.6
Golden Valley	10,000	1.5	14,800	6,000	2.0	4,000	0.7
Judith Basin	42,000	0.8	34,000	6,000	1.8	36,000	0.6
Lewis & Clark	33,000	1.7	56,000	23,000	2.1	10,000	0.8
Meagher	35,000	1.4	48,500	28,000	1.6	7,000	0.6
Musselshell	16,000	1.3	21,000	8,000	2.0	8,000	0.6
Petroleum	11,000	1.6	17,500	6,700	2.2	4,300	0.6
Wheatland	13,000	2.0	26,100	11,900	2.1	1,100	1.0
CENTRAL	**315,000**	**1.2**	**390,000**	**139,000**	**2.0**	**176,000**	**0.6**
Beaverhead	145,000	2.0	287,000	142,000	2.0	3,000	0.7
Gallatin	72,000	2.4	173,500	58,000	2.8	14,000	1.0
Jefferson	27,000	2.1	58,000	26,000	2.2	1,000	1.0
Madison	99,000	2.2	221,000	96,000	2.3	3,000	0.7
Silver Bow	7,000	2.0	14,000	7,000	2.0	0	0.0
SOUTHWEST	**350,000**	**2.2**	**753,500**	**329,000**	**2.2**	**21,000**	**0.9**
Big Horn	56,000	1.4	77,300	18,500	2.6	37,500	0.8
Carbon	50,000	1.8	89,100	35,600	2.3	14,400	0.6
Park	57,000	1.7	99,200	51,000	1.9	6,000	0.5
Stillwater	49,000	1.1	55,000	20,000	2.1	29,000	0.5
Sweet Grass	44,000	1.6	70,500	35,000	1.9	9,000	0.5
Treasure	11,000	2.0	22,100	7,900	2.5	3,100	0.7
Yellowstone	43,000	1.7	73,800	23,000	2.7	20,000	0.6
SOUTH CENTRAL	**310,000**	**1.6**	**487,000**	**191,000**	**2.2**	**119,000**	**0.6**
Carter	19,000	0.6	11,900	4,500	1.6	14,500	0.3
Custer	19,000	1.6	31,000	12,000	2.4	7,000	0.3
Fallon	16,000	0.7	10,900	3,500	2.1	12,500	0.3
Powder River	17,000	1.0	17,000	7,500	1.9	9,500	0.3
Prairie	13,000	1.2	15,600	6,000	2.3	7,000	0.2
Rosebud	33,000	1.4	47,600	21,000	1.9	12,000	0.6
Wibaux	8,000	0.5	4,000	1,500	1.8	6,500	0.2
SOUTHEAST	**125,000**	**1.1**	**138,000**	**56,000**	**2.1**	**69,000**	**0.3**
MONTANA	**1,800,000**	**1.6**	**2,790,000**	**1,150,000**	**2.1**	**650,000**	**0.6**

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL			IRRIGATED		NON-IRRIGATED	
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deer Lodge	11,000	2.5	28,000	11,000	2.5	0	0.0
Flathead	35,000	2.3	81,500	19,500	2.9	15,500	1.6
Granite	32,000	2.2	71,000	31,000	2.3	1,000	1.0
Lake	67,000	2.5	165,000	49,000	3.0	18,000	1.1
Lincoln	13,000	2.2	28,500	8,500	2.7	4,500	1.2
Mineral	3,500	1.7	6,000	1,500	2.7	2,000	1.0
Missoula	28,000	2.2	62,500	22,500	2.4	5,500	1.4
Powell	59,000	2.2	130,000	53,500	2.3	5,500	1.1
Ravalli	44,500	3.1	136,500	43,000	3.1	1,500	1.0
Sanders	37,000	1.9	71,000	20,500	2.8	16,500	0.8
NORTHWEST	**330,000**	**2.4**	**780,000**	**260,000**	**2.7**	**70,000**	**1.1**
Blaine	41,000	2.1	86,000	23,000	2.7	18,000	1.3
Chouteau	31,000	2.0	61,000	11,500	2.7	19,500	1.5
Glacier	29,000	1.9	56,500	12,500	2.8	16,500	1.3
Hill	16,500	1.6	26,500	3,000	2.8	13,500	1.3
Liberty	6,500	1.6	10,500	1,000	2.5	5,500	1.5
Phillips	65,000	1.8	116,500	31,500	2.5	33,500	1.1
Pondera	24,000	2.2	52,500	12,000	3.0	12,000	1.4
Teton	48,000	2.4	117,000	31,500	3.0	16,500	1.3
Toole	14,000	1.7	23,500	3,000	3.0	11,000	1.3
NORTH CENTRAL	**275,000**	**2.0**	**550,000**	**129,000**	**2.8**	**146,000**	**1.3**
Daniels	24,500	0.9	23,000	1,500	2.7	23,000	0.8
Dawson	42,000	1.3	56,000	7,000	2.9	35,000	1.0
Garfield	27,000	1.3	35,000	3,500	2.6	23,500	1.1
McCone	47,000	1.3	62,500	5,000	2.5	42,000	1.2
Richland	44,500	1.4	64,500	8,000	3.2	36,500	1.1
Roosevelt	40,000	1.3	52,500	8,000	2.7	32,000	1.0
Sheridan	35,000	1.1	40,000	5,000	2.8	30,000	0.9
Valley	58,000	1.8	101,500	27,000	2.7	31,000	0.9
NORTHEAST	**318,000**	**1.4**	**435,000**	**65,000**	**2.8**	**253,000**	**1.0**
Broadwater	27,500	2.8	78,000	25,500	3.0	2,000	1.0
Cascade	68,000	1.7	113,000	14,000	2.7	54,000	1.4
Fergus	121,000	1.7	203,000	16,000	2.4	105,000	1.6
Golden Valley	17,500	1.9	32,500	7,000	2.9	10,500	1.2
Judith Basin	54,000	1.7	94,000	8,000	2.6	46,000	1.6
Lewis & Clark	42,000	2.4	101,000	29,000	2.8	13,000	1.5
Meagher	44,000	1.9	85,500	35,000	2.1	9,000	1.2
Musselshell	31,000	1.5	46,500	7,500	2.8	23,500	1.1
Petroleum	17,000	2.0	33,500	9,500	2.5	7,500	1.3
Wheatland	20,000	2.1	41,000	13,500	2.4	6,500	1.4
CENTRAL	**442,000**	**1.9**	**828,000**	**165,000**	**2.6**	**277,000**	**1.4**
Beaverhead	146,000	2.1	303,000	140,000	2.1	6,000	1.0
Gallatin	77,000	2.5	191,500	53,000	3.0	24,000	1.4
Jefferson	34,000	2.3	77,000	28,000	2.5	6,000	1.2
Madison	95,000	2.4	231,500	88,000	2.5	7,000	1.1
Silver Bow	8,000	2.4	19,000	7,000	2.6	1,000	1.0
SOUTHWEST	**360,000**	**2.3**	**822,000**	**316,000**	**2.4**	**44,000**	**1.3**
Big Horn	64,000	2.0	125,500	21,000	3.3	43,000	1.3
Carbon	52,000	2.2	114,500	36,000	2.6	16,000	1.2
Park	59,000	2.3	137,000	52,000	2.5	7,000	1.4
Stillwater	56,000	1.5	86,500	17,500	2.6	38,500	1.1
Sweet Grass	52,000	1.9	97,000	29,000	2.4	23,000	1.2
Treasure	12,000	2.3	28,000	6,500	3.1	5,500	1.5
Yellowstone	55,000	2.1	114,500	26,000	3.1	29,000	1.2
SOUTH CENTRAL	**350,000**	**2.0**	**703,000**	**188,000**	**2.7**	**162,000**	**1.2**
Carter	58,000	0.9	54,500	2,500	2.8	55,500	0.9
Custer	36,000	1.7	61,500	10,500	3.2	25,500	1.1
Fallon	46,000	0.9	42,500	2,500	2.2	43,500	0.9
Powder River	48,000	1.3	64,000	11,000	2.4	37,000	1.0
Prairie	18,000	1.4	26,000	5,000	2.8	13,000	0.9
Rosebud	47,000	1.7	81,500	19,000	2.8	28,000	1.0
Wibaux	22,000	1.0	22,000	1,500	2.3	20,500	0.9
SOUTHEAST	**275,000**	**1.3**	**352,000**	**52,000**	**2.7**	**223,000**	**0.9**
MONTANA	**2,350,000**	**1.9**	**4,470,000**	**1,175,000**	**2.6**	**1,175,000**	**1.2**

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL			IRRIGATED		NON-IRRIGATED	
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deerlodge	5,000	2.4	12,000	5,000	2.4	0	0.0
Flathead	23,000	2.3	53,000	14,000	2.9	9,000	1.4
Granite	12,000	2.1	25,000	12,000	2.1	0	0.0
Lake	48,000	2.5	121,000	40,000	2.7	8,000	1.8
Lincoln	8,000	2.1	17,000	6,500	2.3	1,500	1.3
Mineral	2,500	1.2	3,000	1,000	2.0	1,500	0.7
Missoula	15,500	2.4	37,000	14,500	2.5	1,000	1.0
Powell	22,000	1.9	41,000	19,000	2.1	3,000	0.7
Ravalli	28,000	2.7	76,500	27,000	2.8	1,000	1.5
Sanders	26,000	1.5	39,500	16,000	2.1	10,000	0.6
NORTHWEST	**190,000**	**2.2**	**425,000**	**155,000**	**2.5**	**35,000**	**1.1**
Blaine	17,000	1.5	25,000	12,000	1.9	5,000	0.4
Chouteau	8,500	1.7	14,500	7,500	1.9	1,000	0.5
Glacier	9,000	1.3	12,000	5,000	2.0	4,000	0.5
Hill	5,000	1.6	8,000	3,500	2.0	1,500	0.7
Liberty	1,500	1.7	2,500	1,000	2.0	500	1.0
Phillips	18,000	1.8	31,500	16,000	1.9	2,000	0.3
Pondera	15,000	2.1	31,000	12,000	2.4	3,000	0.7
Teton	22,000	2.3	51,000	21,000	2.4	1,000	1.0
Toole	4,000	1.1	4,500	2,000	2.0	2,000	0.3
NORTH CENTRAL	**100,000**	**1.8**	**180,000**	**80,000**	**2.1**	**20,000**	**0.5**
Daniels	5,000	0.9	4,500	1,500	2.0	3,500	0.4
Dawson	9,000	1.4	12,500	5,000	2.2	4,000	0.4
Garfield	4,500	1.7	7,500	4,000	1.8	500	1.0
McCone	4,000	1.9	7,500	3,000	2.3	1,000	0.5
Richland	15,000	1.6	24,000	9,500	2.3	5,500	0.4
Roosevelt	8,000	1.5	12,000	5,000	2.2	3,000	0.3
Sheridan	8,500	1.1	9,500	3,000	2.3	5,500	0.5
Valley	26,000	2.0	52,500	24,000	2.2	2,000	0.3
NORTHEAST	**80,000**	**1.6**	**130,000**	**55,000**	**2.2**	**25,000**	**0.4**
Broadwater	18,000	2.6	47,000	17,000	2.7	1,000	1.0
Cascade	36,000	1.0	34,500	8,000	2.5	28,000	0.5
Fergus	74,000	0.9	65,000	11,000	2.3	63,000	0.6
Golden Valley	6,000	1.8	10,500	4,000	2.3	2,000	0.8
Judith Basin	34,000	0.9	29,000	4,000	2.3	30,000	0.7
Lewis & Clark	24,000	2.0	48,000	18,000	2.4	6,000	0.8
Meagher	15,000	2.1	31,000	12,000	2.3	3,000	1.0
Musselshell	10,000	1.7	16,500	6,000	2.3	4,000	0.6
Petroleum	8,000	1.9	15,500	6,000	2.3	2,000	0.8
Wheatland	10,000	2.3	23,000	9,000	2.4	1,000	1.0
CENTRAL	**235,000**	**1.4**	**320,000**	**95,000**	**2.4**	**140,000**	**0.6**
Beaverhead	54,000	2.9	156,500	52,000	3.0	2,000	0.8
Gallatin	52,000	2.8	146,000	42,000	3.2	10,000	1.1
Jefferson	17,000	2.7	46,000	16,000	2.8	1,000	1.0
Madison	68,000	2.6	176,500	66,000	2.7	2,000	0.8
Silver Bow	4,000	2.5	10,000	4,000	2.5	0	0.0
SOUTHWEST	**195,000**	**2.7**	**535,000**	**180,000**	**2.9**	**15,000**	**1.0**
Big Horn	46,000	1.5	69,000	15,000	2.9	31,000	0.8
Carbon	38,000	1.8	69,000	24,000	2.5	14,000	0.6
Park	37,000	2.0	73,500	33,000	2.2	4,000	0.6
Stillwater	36,000	1.2	43,000	13,000	2.4	23,000	0.5
Sweet Gras	31,000	1.9	57,500	27,000	2.0	4,000	0.6
Treasure	9,000	2.1	19,000	6,000	2.8	3,000	0.7
Yellowstone	28,000	2.1	59,000	17,000	3.1	11,000	0.6
SOUTH CENTRAL	**225,000**	**1.7**	**390,000**	**135,000**	**2.4**	**90,000**	**0.7**
Carter	9,000	0.8	7,500	2,500	2.0	6,500	0.4
Custer	13,000	2.0	26,400	9,000	2.8	4,000	0.4
Fallon	10,000	1.0	9,500	3,000	2.3	7,000	0.4
Powder River	12,000	1.2	14,000	5,500	2.2	6,500	0.3
Prairie	5,000	2.5	12,300	4,500	2.7	500	0.6
Rosebud	23,000	1.6	37,800	14,500	2.2	8,500	0.7
Wibaux	3,000	0.8	2,500	1,000	2.0	2,000	0.3
SOUTHEAST	**75,000**	**1.5**	**110,000**	**40,000**	**2.4**	**35,000**	**0.4**
MONTANA	**1,100,000**	**1.9**	**2,090,000**	**740,000**	**2.5**	**360,000**	**0.7**

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL			IRRIGATED		NON-IRRIGATED	
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deer Lodge	5,000	3.2	16,000	5,000	3.2	0	0.0
Flathead	23,000	2.6	60,000	13,500	3.3	9,500	1.6
Granite	12,000	2.3	28,000	11,000	2.5	1,000	1.0
Lake	52,000	2.6	136,000	37,000	3.2	15,000	1.1
Lincoln	8,000	2.7	21,500	6,500	2.9	1,500	1.7
Mineral	2,500	1.8	4,500	1,000	3.0	1,500	1.0
Missoula	18,000	2.4	44,000	15,000	2.7	3,000	1.3
Powell	22,000	2.7	58,500	18,500	3.0	3,500	1.0
Ravalli	27,500	3.5	96,500	26,000	3.7	1,500	1.0
Sanders	30,000	2.0	60,000	16,500	3.0	13,500	0.7
NORTHWEST	200,000	2.6	525,000	150,000	3.1	50,000	1.1
Blaine	28,000	2.3	65,000	17,000	3.0	11,000	1.3
Chouteau	16,000	2.1	34,000	6,500	3.1	9,500	1.5
Glacier	14,000	2.5	34,500	7,500	3.3	6,500	1.5
Hill	6,500	1.9	12,500	2,500	3.0	4,000	1.3
Liberty	2,500	1.6	4,000	500	3.0	2,000	1.3
Phillips	25,000	2.3	56,500	15,500	2.9	9,500	1.2
Pondera	17,000	2.4	40,000	10,500	3.0	6,500	1.2
Teton	34,000	2.6	89,000	22,500	3.3	11,500	1.2
Toole	7,000	2.1	14,500	2,500	3.2	4,500	1.4
NORTH CENTRAL	150,000	2.3	350,000	85,000	3.1	65,000	1.3
Daniels	5,500	1.3	7,000	1,500	2.7	4,000	0.8
Dawson	12,000	2.0	23,500	4,500	3.6	7,500	1.0
Garfield	7,000	1.9	13,500	2,000	3.3	5,000	1.4
McCone	7,000	2.0	14,000	3,000	3.0	4,000	1.3
Richland	20,500	2.0	40,000	6,500	3.5	14,000	1.2
Roosevelt	12,000	2.1	25,500	4,500	3.4	7,500	1.3
Sheridan	11,000	1.6	17,500	3,500	3.1	7,500	0.9
Valley	28,000	2.5	69,000	19,500	3.1	8,500	1.1
NORTHEAST	103,000	2.0	210,000	45,000	3.2	58,000	1.1
Broadwater	22,000	3.0	66,000	20,000	3.2	2,000	1.0
Cascade	55,000	1.7	91,000	11,000	2.9	44,000	1.3
Fergus	94,000	1.6	152,000	10,000	2.6	84,000	1.5
Golden Valley	11,000	2.1	23,000	5,000	3.2	6,000	1.2
Judith Basin	42,000	1.8	76,000	5,000	3.2	37,000	1.6
Lewis & Clark	27,000	2.7	74,000	21,000	3.1	6,000	1.5
Meagher	17,000	2.4	40,000	15,000	2.5	2,000	1.5
Musselshell	19,000	1.6	31,000	6,000	3.0	13,000	1.0
Petroleum	12,000	2.2	26,000	7,500	2.7	4,500	1.3
Wheatland	13,000	2.2	29,000	9,500	2.5	3,500	1.4
CENTRAL	312,000	1.9	608,000	110,000	2.9	202,000	1.4
Beaverhead	46,000	2.9	132,000	44,000	3.0	2,000	1.0
Gallatin	52,000	2.8	146,500	37,000	3.4	15,000	1.4
Jefferson	19,000	2.6	50,000	16,000	2.9	3,000	1.0
Madison	64,000	2.7	173,500	59,000	2.9	5,000	0.9
Silver Bow	4,000	3.3	13,000	4,000	3.3	0	0.0
SOUTHWEST	185,000	2.8	515,000	160,000	3.0	25,000	1.2
Big Horn	53,000	2.1	109,000	19,000	3.4	34,000	1.3
Carbon	38,000	2.3	87,000	24,000	2.9	14,000	1.2
Park	39,000	2.5	99,000	34,000	2.7	5,000	1.4
Stillwater	41,000	1.6	64,500	11,000	3.0	30,000	1.1
Sweet Grass	38,000	2.0	75,000	22,000	2.5	16,000	1.2
Treasure	10,000	2.5	24,500	5,000	3.4	5,000	1.5
Yellowstone	31,000	2.6	81,000	18,000	3.4	13,000	1.5
SOUTH CENTRAL	250,000	2.2	540,000	133,000	3.0	117,000	1.2
Carter	30,000	0.9	27,500	2,000	3.0	28,000	0.8
Custer	20,000	2.2	43,000	9,000	3.3	11,000	1.2
Fallon	26,000	1.0	25,500	2,000	2.3	24,000	0.9
Powder River	34,000	1.4	47,000	9,000	2.4	25,000	1.0
Prairie	6,000	2.3	14,000	4,000	3.0	2,000	1.0
Rosebud	27,000	2.1	57,000	15,000	3.0	12,000	1.0
Wibaux	7,000	1.1	8,000	1,000	2.5	6,000	0.9
SOUTHEAST	150,000	1.5	222,000	42,000	2.9	108,000	0.9
MONTANA	1,350,000	2.2	2,970,000	725,000	3.0	625,000	1.2

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY & DISTRICT	TOTAL Harvested Acres	TOTAL Yield Per Acre	TOTAL Production	IRRIGATED Harvested Acres	IRRIGATED Yield Per Acre	NON-IRRIGATED Harvested Acres	NON-IRRIGATED Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deerlodge	4,000	1.3	5,000	4,000	1.3	0	0.0
Flathead	8,000	1.4	11,500	4,000	1.9	4,000	1.0
Granite	18,000	1.3	23,500	17,000	1.3	1,000	1.0
Lake	13,000	1.5	19,200	10,000	1.7	3,000	0.7
Lincoln	4,000	1.3	5,000	2,000	1.9	2,000	0.7
Mineral	1,000	1.3	1,300	500	1.6	500	1.0
Missoula	6,000	1.8	10,500	5,500	1.8	500	1.0
Powell	26,000	1.3	33,000	25,000	1.3	1,000	0.5
Ravalli	14,000	1.8	25,000	13,000	1.8	1,000	1.0
Sanders	6,000	1.4	8,500	4,000	1.8	2,000	0.8
NORTHWEST	**100,000**	**1.4**	**142,500**	**85,000**	**1.5**	**15,000**	**0.8**
Blaine	7,000	0.9	6,000	4,000	1.3	3,000	0.3
Chouteau	11,000	0.5	5,000	3,000	1.0	8,000	0.3
Glacier	10,000	0.9	8,500	5,000	1.2	5,000	0.5
Hill	7,000	0.5	3,500	2,000	1.3	5,000	0.2
Liberty	2,000	0.6	1,200	300	1.3	1,700	0.5
Phillips	30,000	0.9	26,000	13,000	1.6	17,000	0.3
Pondera	3,000	0.9	2,600	1,000	1.8	2,000	0.4
Teton	12,000	0.9	10,900	6,500	1.5	5,500	0.2
Toole	3,000	0.4	1,300	200	1.5	2,800	0.4
NORTH CENTRAL	**85,000**	**0.8**	**65,000**	**35,000**	**1.4**	**50,000**	**0.3**
Daniels	11,000	0.3	3,500	0	0.0	11,000	0.3
Dawson	16,000	0.6	10,000	2,500	1.6	13,500	0.4
Garfield	12,000	0.5	5,500	2,000	1.3	10,000	0.3
McCone	22,500	0.5	11,500	3,000	1.0	19,500	0.4
Richland	13,000	0.5	7,000	2,000	1.5	11,000	0.4
Roosevelt	25,000	0.5	13,000	3,500	1.4	21,500	0.4
Sheridan	18,500	0.5	9,500	1,000	1.5	17,500	0.5
Valley	27,000	0.7	19,000	11,000	1.0	16,000	0.5
NORTHEAST	**145,000**	**0.5**	**79,000**	**25,000**	**1.2**	**120,000**	**0.4**
Broadwater	4,000	1.2	4,600	3,900	1.2	100	1.0
Cascade	6,000	0.8	5,000	3,000	1.3	3,000	0.3
Fergus	17,000	0.9	16,000	6,500	1.4	10,500	0.7
Golden Valley	4,000	1.1	4,300	2,000	1.5	2,000	0.7
Judith Basin	8,000	0.6	5,000	2,000	1.0	6,000	0.5
Lewis & Clark	9,000	0.9	8,000	5,000	1.1	4,000	0.6
Meagher	20,000	0.9	17,500	16,000	1.0	4,000	0.4
Musselshell	6,000	0.8	4,500	2,000	1.0	4,000	0.6
Petroleum	3,000	0.7	2,000	700	1.4	2,300	0.4
Wheatland	3,000	1.0	3,100	2,900	1.0	100	1.0
CENTRAL	**80,000**	**0.9**	**70,000**	**44,000**	**1.1**	**36,000**	**0.6**
Beaverhead	91,000	1.4	130,500	90,000	1.4	1,000	0.5
Gallatin	20,000	1.4	27,500	16,000	1.6	4,000	0.6
Jefferson	10,000	1.2	12,000	10,000	1.2	0	0.0
Madison	31,000	1.4	44,500	30,000	1.5	1,000	0.5
Silver Bow	3,000	1.3	4,000	3,000	1.3	0	0.0
SOUTHWEST	**155,000**	**1.4**	**218,500**	**149,000**	**1.4**	**6,000**	**0.6**
Big Horn	10,000	0.8	8,300	3,500	1.6	6,500	0.4
Carbon	12,000	1.7	20,100	11,600	1.7	400	0.3
Park	20,000	1.3	25,700	18,000	1.4	2,000	0.4
Stillwater	13,000	0.9	12,000	7,000	1.4	6,000	0.3
Sweet Grass	13,000	1.0	13,000	8,000	1.4	5,000	0.4
Treasure	2,000	1.6	3,100	1,900	1.6	100	1.0
Yellowstone	15,000	1.0	14,800	6,000	1.8	9,000	0.5
SOUTH CENTRAL	**85,000**	**1.1**	**97,000**	**56,000**	**1.5**	**29,000**	**0.4**
Carter	10,000	0.4	4,400	2,000	1.0	8,000	0.3
Custer	6,000	0.8	4,600	3,000	1.3	3,000	0.2
Fallon	6,000	0.2	1,400	500	1.0	5,500	0.2
Powder River	5,000	0.6	3,000	2,000	1.0	3,000	0.3
Prairie	8,000	0.4	3,300	1,500	1.3	6,500	0.2
Rosebud	10,000	1.0	9,800	6,500	1.4	3,500	0.3
Wibaux	5,000	0.3	1,500	500	1.4	4,500	0.2
SOUTHEAST	**50,000**	**0.6**	**28,000**	**16,000**	**1.3**	**34,000**	**0.2**
MONTANA	**700,000**	**1.0**	**700,000**	**410,000**	**1.4**	**290,000**	**0.4**

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1989

COUNTY & DISTRICT	TOTAL			IRRIGATED		NON-IRRIGATED	
	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
		-----Tons-----			-Tons-		-Tons-
Deer Lodge	6,000	2.0	12,000	6,000	2.0	0	0.0
Flathead	12,000	1.8	21,500	6,000	2.0	6,000	1.6
Granite	20,000	2.2	43,000	20,000	2.2	0	0.0
Lake	15,000	1.9	29,000	12,000	2.2	3,000	1.0
Lincoln	5,000	1.4	7,000	2,000	2.0	3,000	1.0
Mineral	1,000	1.5	1,500	500	2.0	500	1.0
Missoula	10,000	1.9	18,500	7,500	2.0	2,500	1.4
Powell	37,000	1.9	71,500	35,000	2.0	2,000	1.3
Ravalli	17,000	2.4	40,000	17,000	2.4	0	0.0
Sanders	7,000	1.6	11,000	4,000	2.0	3,000	1.0
NORTHWEST	130,000	2.0	255,000	110,000	2.1	20,000	1.3
Blaine	13,000	1.6	21,000	6,000	2.0	7,000	1.3
Chouteau	15,000	1.8	27,000	5,000	2.2	10,000	1.6
Glacier	15,000	1.5	22,000	5,000	2.0	10,000	1.2
Hill	10,000	1.4	14,000	500	2.0	9,500	1.4
Liberty	4,000	1.6	6,500	500	2.0	3,500	1.6
Phillips	40,000	1.5	60,000	16,000	2.1	24,000	1.1
Pondera	7,000	1.8	12,500	1,500	2.7	5,500	1.5
Teton	14,000	2.0	28,000	9,000	2.3	5,000	1.4
Toole	7,000	1.3	9,000	500	2.0	6,500	1.2
NORTH CENTRAL	125,000	1.6	200,000	44,000	2.2	81,000	1.3
Daniels	19,000	0.8	16,000	0	0.0	19,000	0.8
Dawson	30,000	1.1	32,500	2,500	1.8	27,500	1.0
Garfield	20,000	1.1	21,500	1,500	1.7	18,500	1.0
McCone	40,000	1.2	48,500	2,000	1.8	38,000	1.2
Richland	24,000	1.0	24,500	1,500	1.7	22,500	1.0
Roosevelt	28,000	1.0	27,000	3,500	1.7	24,500	0.9
Sheridan	24,000	0.9	22,500	1,500	2.0	22,500	0.9
Valley	30,000	1.1	32,500	7,500	1.7	22,500	0.9
NORTHEAST	215,000	1.0	225,000	20,000	1.8	195,000	1.0
Broadwater	5,500	2.2	12,000	5,500	2.2	0	0.0
Cascade	13,000	1.7	22,000	3,000	2.0	10,000	1.6
Fergus	27,000	1.9	51,000	6,000	2.2	21,000	1.8
Golden Valley	6,500	1.5	9,500	2,000	2.0	4,500	1.2
Judith Basin	12,000	1.5	18,000	3,000	1.7	9,000	1.4
Lewis & Clark	15,000	1.8	27,000	8,000	2.1	7,000	1.4
Meagher	27,000	1.7	45,500	20,000	1.9	7,000	1.1
Musselshell	12,000	1.3	15,500	1,500	2.0	10,500	1.2
Petroleum	5,000	1.5	7,500	2,000	2.0	3,000	1.2
Wheatland	7,000	1.7	12,000	4,000	2.0	3,000	1.3
CENTRAL	130,000	1.7	220,000	55,000	2.0	75,000	1.5
Beaverhead	100,000	1.7	171,000	96,000	1.7	4,000	1.0
Gallatin	25,000	1.8	45,000	16,000	2.0	9,000	1.4
Jefferson	15,000	1.8	27,000	12,000	1.9	3,000	1.3
Madison	31,000	1.9	58,000	29,000	1.9	2,000	1.5
Silver Bow	4,000	1.5	6,000	3,000	1.7	1,000	1.0
SOUTHWEST	175,000	1.8	307,000	156,000	1.8	19,000	1.3
Big Horn	11,000	1.5	16,500	2,000	2.3	9,000	1.3
Carbon	14,000	2.0	27,500	12,000	2.1	2,000	1.3
Park	20,000	1.9	38,000	18,000	2.0	2,000	1.3
Stillwater	15,000	1.5	22,000	6,500	2.0	8,500	1.1
Sweet Grass	14,000	1.6	22,000	7,000	2.0	7,000	1.1
Treasure	2,000	1.8	3,500	1,500	2.0	500	1.0
Yellowstone	24,000	1.4	33,500	8,000	2.3	16,000	1.0
SOUTH CENTRAL	100,000	1.6	163,000	55,000	2.1	45,000	1.1
Carter	28,000	1.0	27,000	500	2.0	27,500	0.9
Custer	16,000	1.2	18,500	1,500	2.3	14,500	1.0
Fallon	20,000	0.9	17,000	500	2.0	19,500	0.8
Powder River	14,000	1.2	17,000	2,000	2.0	12,000	1.1
Prairie	12,000	1.0	12,000	1,000	2.0	11,000	0.9
Rosebud	20,000	1.2	24,500	4,000	1.9	16,000	1.1
Wibaux	15,000	0.9	14,000	500	2.0	14,500	0.9
SOUTHEAST	125,000	1.0	130,000	10,000	2.0	115,000	1.0
MONTANA	1,000,000	1.5	1,500,000	450,000	2.0	550,000	1.1

CATTLE and CALVES: January 1, 1980-1990

NUMBER, VALUE PER HEAD, AND TOTAL VALUE, JANUARY 1

Year	ALL CATTLE		
	Number	Farm Value	
		Per Head	Total
	(000) Hd.	Dols.	(000) Dols.
1981	2,675	495	1,324,125
1982	2,900	395	1,145,500
1983	2,990	375	1,121,250
1984	3,150	395	1,244,250
1985	2,960	380	1,124,800
1986	2,450	375	918,750
1987	2,540	400	1,016,000
1988	2,450	595	1,457,750
1989	2,450	645	1,580,250
1990	2,350	680	1,598,000

NUMBER BY CLASSES, JANUARY 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER			TOTAL ALL CATTLE & CALVES
	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Steers 500 lb. & Over	Bulls 500 lb. & Over	Calves under 500 lb.	
	--- Thousand Head ---								
1981	1,439	29	276	9	111	146	85	580	2,675
1982	1,604	29	302	12	107	183	90	573	2,900
1983	1,520	29	260	9	149	218	87	718	2,990
1984	1,637	29	328	9	189	284	98	576	3,150
1985	1,513	27	255	9	183	322	89	562	2,960
1986	1,373	27	230	10	170	245	80	315	2,450
1987	1,382	24	249	7	150	241	81	406	2,540
1988	1,330	25	267	7	162	265	76	318	2,450
1989	1,380	25	293	7	150	248	77	270	2,450
1990	1,368	24	335	7	167	181	75	193	2,350

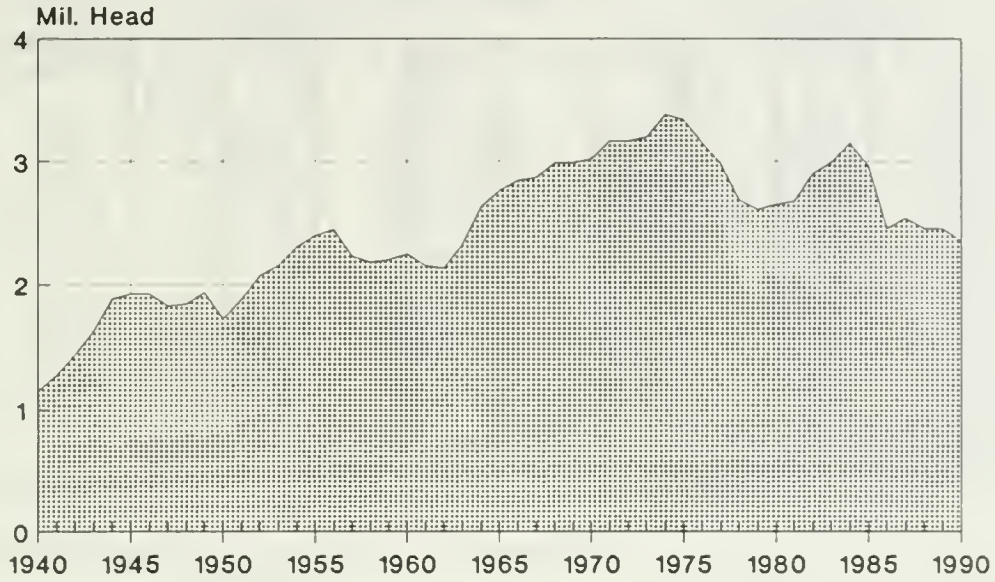
CALF CROPS AND DISPOSITION

Year	CALVES BORN	INSHIPMENTS	MARKETINGS [1]		FARM [2] SLAUGHTER		DEATHS
			Cattle	Calves	Cattle & Calves	Cattle	Calves
			---Thousand Head---				
1980	1,520	116	868	621	7	28	82
1981	1,580	109	779	575	10	30	70
1982	1,570	125	999	475	11	34	86
1983	1,640	125	991	501	10	33	70
1984	1,610	85	1,198	560	13	39	75
1985	1,470	95	1,347	605	8	35	80
1986	1,375	120	984	310	8	33	70
1987	1,280	132	1,132	270	6	29	65
1988	1,350	123	1,094	280	6	32	61
1989	1,350	137	1,183	298	6	25	75

[1] Excludes interfarm sales.
[2] Excludes animals custom slaughtered in commercial establishments for farmers.

CATTLE and CALVES

Inventory: January 1, 1940-1990



CATTLE and CALVES: Production and Income, 1980-1989

	Production [1]	Marketing [2]	PRICE PER 100 LBS. Cattle	Calves	Cash Receipts [3]	Value of Home Consumption	Gross Income
	--(000) Lbs.--		--Dollars--			--(000) Dollars--	
1980	999,435	1,033,150	58.00	76.80	639,938	8,769	648,707
1981	1,098,045	933,300	51.90	62.70	506,118	8,806	514,924
1982	1,024,395	1,081,170	48.20	60.30	540,617	9,640	550,257
1983	1,200,700	1,081,670	48.00	62.40	543,673	10,003	553,676
1984	1,139,490	1,293,790	47.20	60.90	636,699	11,886	648,585
1985	978,465	1,370,480	47.60	62.20	689,331	11,218	700,549
1986	921,155	946,960	49.30	62.60	484,121	8,720	492,841
1987	884,450	1,012,980	61.10	80.70	641,623	8,856	650,479
1988	922,600	1,009,810	65.70	90.60	693,345	8,858	702,203
1989	960,390	1,090,530	68.20	88.40	769,561	9,159	778,720

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[3] Receipts from marketings and sale of farm slaughter.

MILK COWS: Milk Cows on Farms, Production Per Cow, Milkfat, and Total Production, 1980-1989

	Milk Cows on Farms [1]	PRODUCTION PER COW Milk	Milkfat	Milkfat	TOTAL PRODUCTION [2] Milk	Milkfat
	(000) Head	--Pounds--		Percent	--Mil. Lbs.--	
1980	29	10,828	383	3.54	314	11.1
1981	29	11,414	403	3.53	331	11.7
1982	29	11,759	420	3.57	341	12.2
1983	29	12,241	438	3.58	355	12.7
1984	28	12,179	434	3.56	341	12.1
1985	28	12,464	442	3.55	349	12.4
1986	26	13,000	459	3.53	338	11.9
1987	25	13,560	477	3.52	339	11.9
1988	25	14,080	493	3.50	352	12.3
1989	24	13,833	491	3.55	332	11.8

[1] Average number during year, excluding heifers not yet fresh.
[2] Excludes milk sucked by calves.

MILK AND CREAM MARKETED: Quantity, Price, and Cash Receipts, 1980-1989

Year	MILK SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS		
	Price Per Quantity Mil. Lbs.	Price Cash 100 Lbs. Dols.	Per Receipts 000 Dols.	Cash Quantity 000 Qts.	Quart Cents	Receipts 000 Dols.
1980	295	12.80	37,760	1,395	47.0	656
1981	311	13.40	41,674	1,395	50.0	698
1982	319	13.20	42,108	1,395	52.0	726
1983	333	13.30	44,289	1,395	52.0	726
1984	316	13.80	43,608	1,395	55.0	767
1985	329	13.10	43,099	1,395	54.0	753
1986	320	12.70	40,640	1,395	50.0	698
1987	322	12.50	40,250	1,395	45.0	628
1988	333	12.20	40,626	1,395	45.0	628
1989	315	13.50	42,525	1,395	55.0	767

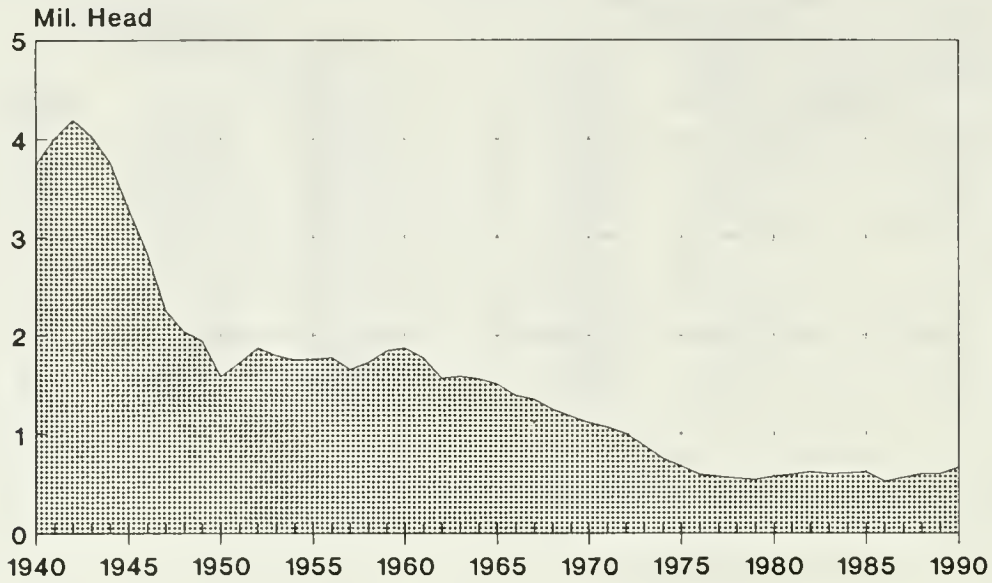
DAIRY PRODUCTS MARKETED: Income and Value, 1980-1989

Year	Combined Marketing of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced		Gross Farm Income from Dairy Products [3]	Farm Value of Milk Produced [2,4]
	Milk Utilized Mil. Lbs.	Average Returns [1] Per 100 Pounds Milk --Dollars--	Per Pound Milkfat --Dollars--	Cash Receipts from Marketings 000 Dols.	Milk Utilized Mil. Lbs.	Value [2] 000 Dols.	--000 Dols.--	--000 Dols.--
1980	298	12.89	3.64	38,416	9	1,160	39,576	40,478
1981	314	13.49	3.82	42,372	9	1,214	43,586	44,666
1982	322	13.30	3.73	42,834	7	931	43,765	45,361
1983	336	13.40	3.74	45,015	9	1,206	46,220	47,560
1984	319	13.91	3.91	44,375	10	1,391	45,767	47,436
1985	332	13.21	3.72	43,852	7	925	44,777	46,098
1986	323	12.80	3.63	41,338	6	768	42,106	43,257
1987	325	12.58	3.57	40,878	6	755	41,633	42,639
1988	336	12.28	3.51	41,254	8	982	42,236	43,218
1989	318	13.61	3.83	43,292	7	953	44,245	45,198

[1] Cash receipts divided by milk or milkfat represented in combined marketings.
[2] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
[3] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.
[4] Includes value of milk fed to calves.

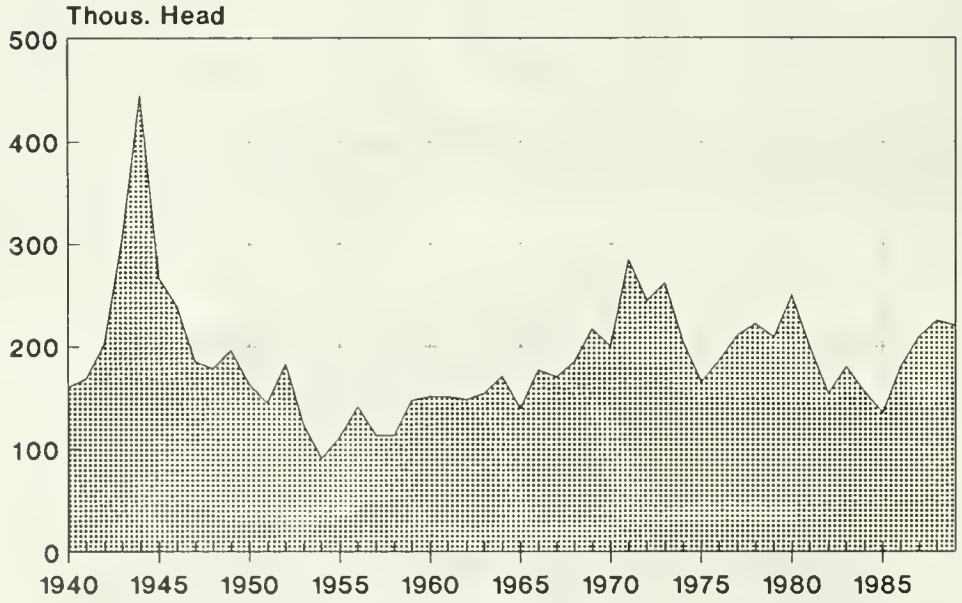
SHEEP and LAMBS

Inventory: January 1, 1940-1990



HOGS and PIGS

Inventory: January 1, 1940-1967, December 1, 1968-1989



SHEEP, LAMBS & WOOL

Number, Value Per Head and Classes, January 1, 1981-1990

Year	ALL SHEEP & LAMBS					STOCK SHEEP ONE YEAR & OVER		LAMBS	
		Farm Value		Sheep on	Stock		Wethers		Wethers
	Number	Per Head	Total	Feed	Sheep	Ewes	& Rams	Ewes	& Rams
	(000)	Dols.	(000)	---(000) Head---			--(000) Head--		
1981	595	69.50	41,353	15	580	420	15	130	15
1982	616	55.00	33,880	16	600	455	15	117	13
1983	600	50.50	30,300	20	580	459	16	90	15
1984	604	51.00	30,804	34	570	465	16	77	12
1985	615	57.50	35,363	45	570	472	15	73	10
1986	523	61.50	32,165	23	500	410	12	67	10
1987	563	82.00	46,166	23	540	400	14	114	12
1988	597	99.00	59,103	27	570	430	14	120	6
1989	600	89.00	53,400	30	570	434	15	111	10
1990	663	85.50	56,687	23	640	490	17	124	9

Wool Production and Value, 1980-1989

Year	Sheep Shorn	Per Fleece	Total	Price Per Lb.	Value
	(000) Hd.	-Lbs.-	(000) Lbs	-Cents-	(000) Dols.
1980	539	9.9	5,359	99	5,305
1981	565	10.0	5,670	102	5,783
1982	575	10.3	5,903	79	4,663
1983	574	10.0	5,745	67	3,849
1984	585	9.8	5,709	91	5,195
1985	577	9.7	5,605	67	3,755
1986	490	10.2	4,988	74	3,691
1987	511	10.1	5,153	102	5,256
1988	567	10.0	5,666	148	8,386
1989	569	10.0	5,690	136	7,738

Lamb Crop and Disposition, 1980-1989

Year	Lambs Saved	INSHIPMENTS Sheep & Lambs	MARKETINGS [1] Sheep	MARKETINGS [1] Lambs	FARM SLAUGHTER [2] Sheep & Lambs	DEATHS Sheep	DEATHS Lambs
		---(000) Head---					
1980	390	25	87	184	2	62	59
1981	420	25	73	233	3	60	55
1982	470	21	94	309	2	50	52
1983	475	22	107	308	3	30	45
1984	470	25	77	289	3	60	55
1985	470	33	86	420	2	42	45
1986	450	39	62	297	3	45	42
1987	440	27	82	260	1	45	45
1988	460	26	49	335	2	50	47
1989	500	35	60	325	1	43	43

[1] Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced.
[2] Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Sheep and Lambs, 1980-1989

Year	Production [1]	Marketings [2]	Price Per 100 Lbs. Sheep	Price Per 100 Lbs. Lambs	Cash Receipts [3]	Value of Home Consumption	Gross Income
	--(000) Pounds--		--Dollars--			--(000) Dollars--	
1980	29,124	28,564	17.70	61.70	12,307	158	12,465
1981	36,494	35,311	17.40	47.20	13,469	185	13,654
1982	43,293	46,576	15.00	48.10	17,815	94	17,909
1983	43,946	39,210	11.40	47.80	15,637	175	15,812
1984	34,431	29,422	14.30	60.30	15,723	227	15,949
1985	34,373	49,811	17.60	66.80	27,350	176	27,526
1986	35,386	36,181	22.70	67.20	20,451	310	20,761
1987	36,102	34,491	27.40	80.50	21,582	124	21,706
1988	34,998	36,768	22.20	66.30	21,287	197	21,484
1989	41,892	37,416	20.80	65.80	20,760	145	20,905

[1] Adjustments made for inshipments and changes in inventory.
[2] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
[3] Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS & PIGS

Number, Value Per Head and Total Value, December 1, 1980-1989

Year	Number, Value Per Head and Total Value			Number By Classes	
		Farm Value			
	Number	Per Head	Total	Breeding	Marketing
	(000) Hd.	-Dols.-	(000) Dols.	--(000) Head--	
1980	250	63.50	15,875	31	219
1981	200	60.50	12,100	24	176
1982	154	77.50	11,935	20	134
1983	180	60.00	10,800	21	159
1984	155	67.00	10,385	16	139
1985	135	69.50	9,383	16	119
1986	180	82.00	14,760	19	161
1987	210	70.50	14,805	24	186
1988	225	72.00	16,200	29	196
1989	220	80.00	17,600	30	190

Pig Crops and Disposition, 1980-1989

Year	Pig Crops		In Shipments	Marketings [1]	Farm Slaughter [2]	Deaths
	Spring	Fall		--(000) Head--		
1980	185	185	7	302	10	24
1981	180	154	6	362	8	20
1982	152	104	6	295	3	10
1983	128	128	6	216	5	15
1984	117	131	6	257	5	17
1985	126	118	6	252	7	11
1986	140	160	7	243	3	16
1987	166	178	7	302	3	16
1988	184	189	7	345	4	16
1989	216	190	3	395	4	15

[1] Includes animals custom slaughtered in commercial establishments for use on farms where produced.
[2] Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Hogs and Pigs, 1980-1989

Year	Production [1]	Marketings [2]	Price Per 100 Pounds	Cash Receipts [3]	Value of Home Consumption	Gross Income
	--(000) Lbs.--		-Dols.-	(000) Dols.	--(000) Dols.--	
1980	76,685	70,850	37.20	26,433	1,136	27,569
1981	82,039	84,585	41.40	35,090	1,167	36,257
1982	64,016	69,429	46.80	32,614	526	33,140
1983	56,378	50,960	43.90	22,500	671	23,171
1984	58,419	60,882	43.90	26,855	671	27,526
1985	56,622	56,731	38.50	21,954	760	22,714
1986	60,381	54,806	42.10	23,147	534	23,681
1987	72,084	66,767	45.80	30,836	872	31,708
1988	80,000	77,570	36.60	28,613	516	29,129
1989	91,680	88,590	38.30	34,181	720	34,901

[1] Adjustments made for inshipments and changes in inventory. [2] Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. [3] Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number, Value Per Bird and Total Value, December 1, 1980-1989

Year	Numbers	Farm Value	
		Per Bird	Total
	(000)	Dollars	000 Dols.
1980	965	2.45	2,364
1981	940	2.10	1,974
1982	970	2.25	2,183
1983	940	1.95	1,833
1984	1,025	2.00	2,050
1985	1,010	1.80	1,818
1986	1,010	2.00	2,020
1987	990	2.45	2,426
1988	910	2.30	2,093
1989	890	2.55	2,270

Production & Income from Chickens, 1980-1989

Year	Produced	Sold	Price Per Pound	Cash Receipts	Gross Income
	--(000) Lbs.--		-Cents-	--(000) Dols.--	
1980	2,450	1,460	8.0	117	159
1981	3,362	2,900	6.0	174	204
1982	3,474	3,000	6.0	180	206
1983	3,021	2,680	7.0	188	219
1984	3,008	2,320	8.0	186	220
1985	[4]	2,400	7.0	168	[4]
1986	[4]	2,360	8.0	189	[4]
1987	[4]	2,480	6.0	149	[4]
1988	[4]	2,896	6.0	174	[4]
1989	[4]	2,812	7.0	197	[4]

Farm Production, Disposition and Income from Eggs, 1980-1989

Year [1]	Layers [2]	Eggs Per Layer	Egg Production	Consumed in Household	Sold	Price Per Dozen	Cash Receipts	Gross Income
	-(000)-	No.		--Millions--		Cents	--(000) Dols.--	
1980 [3]	727	234	170	5	165	57.5	7,906	8,146
1981	778	224	174	3	171	62.0	8,835	8,990
1982	767	245	188	3	185	55.0	8,479	8,617
1983	772	250	193	5	188	55.5	8,695	8,926
1984	770	257	198	5	193	64.0	10,293	10,560
1985	807	250	202	[4]	[4]	51.0	8,585	[4]
1986	790	254	201	[4]	[4]	56.0	9,380	[4]
1987	789	260	205	[4]	[4]	50.0	8,542	[4]
1988	773	251	194	[4]	[4]	48.0	7,760	[4]
1989	703	256	180	[4]	[4]	75.0	11,250	[4]

[1] Data related to the 12 month period beginning with December 1, of the previous year through November of the current year. [2] Average number of layers on hand during the year. [3] Included are eggs destroyed because of possible PCB contamination. [4] Discontinued.

HONEY AND BEESWAX: Production, Price, and Value, 1977-1989

Year	Colonies of Bees	Yield Per Per Colony	Production		Price Per Pound		Value of Production	
			Honey	Beeswax	Honey	Beeswax	Honey	Beeswax
	-Number-	-Lbs.-	-(000) Lbs.-		-Cents-		-(000) Dols.-	
1977	96,000	57	5,472	104	53.9	172.0	2,949	179
1978	99,000	89	8,811	159	53.8	178.0	4,740	283
1979	103,000	128	13,184	224	57.7	164.0	7,607	367
1980	103,000	104	10,712	214	56.0	190.0	5,999	407
1981	108,000	100	10,800	184	57.0	198.0	6,156	364
1982-1985	Data Not Available							
1986	110,000	64	7,040	[1]	50.0	[1]	3,520	[1]
1987	95,000	102	9,690	[1]	44.0	[1]	4,264	[1]
1988	105,000	48	5,040	[1]	47.0	[1]	2,369	[1]
1989	100,000	63	6,300	[1]	45.0	[1]	2,835	[1]

1/ Discontinued

COMMERCIAL LIVESTOCK SLAUGHTER

Total Red Meat Production by Months, 1981-1989 [1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						--(000) Pounds--							
1981	14,493	13,099	13,661	13,892	13,725	14,479	13,367	11,104	14,529	15,967	15,516	15,399	169,230
1982 [2]		39,366			23,649			25,460			37,848		126,324
1983	12,485	11,191	11,324	9,778	9,366	12,009	10,181	12,366	12,112	7,858	4,862	4,781	118,312
1984	4,633	3,432	2,240	3,027	4,015	3,986	4,395	5,639	6,075	8,112	10,203	6,856	62,613
1985	6,067	3,412	1,612	1,769	1,962	1,753	2,033	2,275	1,936	2,320	1,815	1,724	28,678
1986	1,783	1,302	1,434	1,579	1,721	1,579	1,843	1,965	2,235	2,018	1,542	1,698	20,697
1987	1,428	1,282	1,442	1,453	1,461	1,623	1,656	1,623	1,483	1,664	1,544	1,532	18,192
1988	1,294	1,147	1,362	1,319	1,306	1,441	1,237	1,689	1,406	1,441	1,347	1,219	16,206
1989	1,125	875	1,042	1,105	1,114	1,279	1,086	1,676	1,092	1,205	1,259	1,086	13,945

Number of Head Slaughtered by Months and Classes, 1981-1989

Cattle & Calves

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						--(000) Head--							
1981	12.2	10.6	9.4	10.4	10.9	11.8	11.3	8.2	10.8	11.5	13.1	14.2	134.4
1982 [2]		33.6			11.5			14.4			32.3		91.8
1983	10.1	8.9	7.0	4.3	6.5	8.9	7.3	9.4	10.2	9.3	8.7	8.5	99.1
1984	8.0	5.4	3.1	4.4	6.3	6.6	6.9	7.9	7.7	9.6	15.0	11.6	92.6
1985	9.7	4.8	2.1	2.3	2.7	2.5	2.6	3.0	2.5	3.0	2.5	2.4	40.0
1986	2.4	1.7	1.9	2.3	2.3	2.2	2.6	2.6	3.1	2.7	2.1	2.3	28.1
1987	1.9	1.6	1.7	1.8	1.8	1.9	2.1	1.9	1.8	2.1	1.8	1.8	22.2
1988	1.4	1.2	1.4	1.3	1.5	1.7	1.4	2.0	1.6	1.6	1.6	1.4	18.2
1989	1.2	1.0	1.2	1.3	1.3	1.6	1.3	1.8	1.2	1.4	1.6	1.4	16.2

Sheep & Lambs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						--(000) Head--							
1981	.3	.2	.2	.2	.2	.2	.3	.6	.6	.4	.3	.3	3.6
1982 [2]		.8			.6			1.5			1.2		4.2
1983	.3	.2	.3	.2	.2	.2	.3	.8	.6	.5	.5	.2	4.2
1984	.2	.2	.3	.2	.3	.2	.4	.7	.4	.4	.3	.3	4.0
1985	.2	.2	.1	.2	.2	.2	.3	.5	.4	.4	.2	.1	3.0
1986	.2	.1	.1	.1	.1	.1	.3	.6	.4	.4	.2	.2	2.9
1987	.1	.1	.1	.2	.1	.2	.3	.5	.4	.4	.2	.2	2.9
1988	.1	.1	.1	.1	.1	.2	.2	.7	.4	.3	.2	.2	2.6
1989	.1	.1	.1	.1	.1	.2	.2	.7	.3	.2	.2	.2	2.5

Hogs & Pigs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						--(000) Head--							
1981	42.4	38.5	45.6	46.0	42.3	42.7	38.1	35.3	47.3	54.0	48.3	45.7	526.3
1982 [2]		118.4			99.4			103.0			119.5		440.3
1983	39.3	33.4	39.2	39.2	31.9	38.3	34.0	39.2	37.4	16.9	3.0	2.4	354.1
1984	2.4	2.1	2.4	2.2	2.4	2.3	2.4	7.2	11.5	17.6	13.0	4.8	70.5
1985	2.6	2.2	2.4	2.8	2.5	2.3	2.6	2.9	3.0	3.7	2.6	2.4	31.9
1986	2.5	2.0	2.4	2.4	2.4	2.3	2.4	2.5	2.5	2.6	2.0	2.4	28.5
1987	2.2	1.9	2.3	2.2	1.8	2.0	2.2	2.6	2.4	2.4	2.5	2.6	27.2
1988	2.4	2.1	2.5	2.3	2.3	2.2	2.4	3.2	2.8	3.0	2.7	2.4	30.3
1989	2.4	1.9	2.1	2.3	2.4	2.2	2.2	3.1	2.4	2.4	2.2	1.9	27.4

[1] Includes slaughter in federally inspected and other slaughter plants but excludes animals slaughtered on farms. [2] Quarterly totals only.

DAIRY PRODUCTS MANUFACTURED, 1981-1989

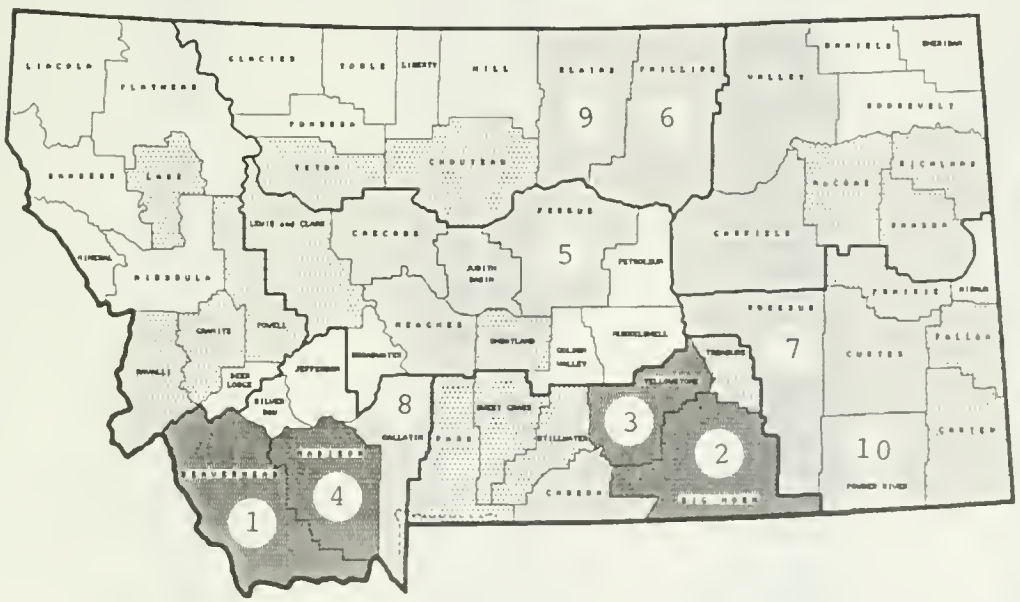
Year	Creamery Butter	Cheese: American Cheddar	Cheese: Cottage Cheese Creamed	Ice Cream	Ice Milk [1]	Sherbet	"Mellorine Type" Frozen Desserts
	--(000) Pounds--			--(000) Gallons--			
1981	2,082	[2]	5,635	1,908	963	71	[2]
1982	2,191	[2]	5,578	1,833	1,057	82	[2]
1983	1,907	[2]	6,155	1,931	1,070	91	[2]
1984	1,768	[2]	6,511	1,984	1,017	88	[2]
1985	1,794	[2]	4,287	1,895	1,368	102	[2]
1986	1,843	[2]	3,858	1,882	1,301	86	[2]
1987	1,533	[2]	3,646	1,511	1,094	[2]	[2]
1988	1,350	[2]	3,281	[2]	1,087	[2]	[2]
1989	1,193	[2]	4,090	[2]	871	[2]	[2]

[1] Includes low fat ice cream. [2] Not published to avoid disclosing individual plant operations.

CATTLE and CALVES: Percent of Operations and Inventory By Size Groups, 1980-1989

Year	1-49 Head		50-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	--Percent--							
1980	42.4	3.6	15.8	5.1	33.9	39.6	7.9	51.7
1981	39.3	2.8	14.1	4.0	36.8	37.6	9.8	55.6
1982	36.2	3.0	16.3	5.7	37.5	39.3	10.0	52.0
1983	36.8	3.5	15.3	5.0	38.1	43.2	9.8	48.3
1984	39.8	3.8	15.1	5.6	36.7	44.6	8.4	46.0
1985	43.2	4.5	16.7	7.5	33.3	44.1	6.8	43.9
1986	44.3	5.0	17.5	8.0	31.9	43.5	6.3	43.5
1987	47.8	4.4	14.0	6.6	32.5	47.5	5.7	41.5
1988	45.9	4.8	15.9	7.7	31.8	43.0	6.4	44.5
1989	46.0	4.8	13.8	6.2	33.0	44.0	7.2	45.0

CATTLE & CALVES
NUMBER OF HEAD JANUARY 1, 1989



Numbers show ranking of top ten.

0-29,999 50,000-99,999

30,000-49,999 100,000-150,000

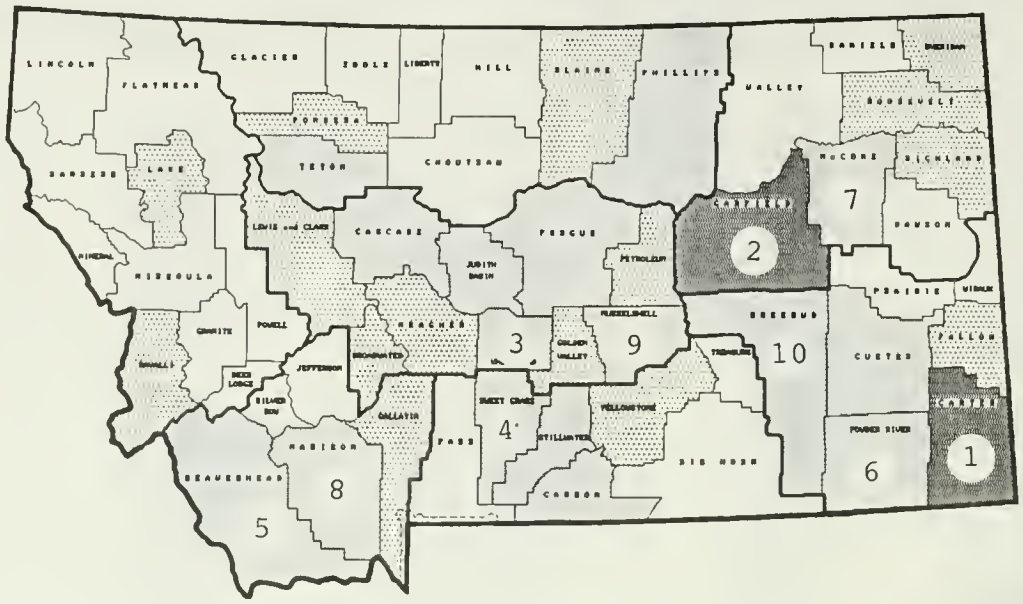
LIVESTOCK: Inventory by Counties, January 1, 1988-1989

COUNTY & DISTRICT	All Cattle and Calves		Milk Cows and Heifers That Have Calved	
	1988	1989	1988	1989
Deer Lodge	8,900	8,800	0	0
Flathead	23,500	23,500	2,100	2,100
Granite	31,300	30,700	0	0
Lake	51,100	49,900	2,900	2,900
Lincoln	5,700	5,700	100	100
Mineral	1,100	1,100	0	0
Missoula	14,100	13,900	200	100
Powell	44,800	44,600	200	200
Ravalli	43,800	44,100	2,400	2,300
Sanders	28,100	25,200	300	300
NORTHWEST	**252,400**	**247,500**	**8,200**	**8,000**
Blaine	67,800	65,800	200	200
Chouteau	41,700	47,500	100	100
Glacier	26,100	28,100	300	300
Hill	23,500	23,000	300	200
Liberty	13,500	12,900	400	400
Phillips	71,900	72,800	100	200
Pondera	22,900	23,200	500	500
Teton	44,800	46,100	700	600
Toole	15,600	15,500	300	200
NORTH CENTRAL	**327,800**	**334,900**	**2,900**	**2,700**
Daniels	13,600	14,000	0	0
Dawson	35,400	36,200	400	500
Garfield	51,100	56,000	100	100
McCone	30,200	30,500	100	100
Richland	41,400	48,000	100	100
Roosevelt	19,800	20,400	0	0
Sheridan	17,200	17,000	0	0
Valley	62,600	62,000	100	100
NORTHEAST	**271,300**	**284,100**	**800**	**900**
Broadwater	24,000	23,800	0	0
Cascade	65,700	65,500	1,300	1,200
Fergus	96,400	98,800	500	500
Golden Valley	22,900	20,500	100	100
Judith Basin	52,100	52,100	100	200
Lewis & Clark	40,700	37,900	200	200
Meagher	53,200	51,500	100	100
Musselshell	29,200	28,700	100	100
Petroleum	26,100	24,600	0	0
Wheatland	32,300	32,100	300	300
CENTRAL	**442,600**	**435,500**	**2,700**	**2,700**
Beaverhead	156,400	150,500	0	100
Gallatin	66,700	66,900	5,600	5,900
Jefferson	22,900	21,800	500	500
Madison	102,200	101,500	200	200
Silver Bow	7,000	6,500	200	100
SOUTHWEST	**355,200**	**347,200**	**6,500**	**6,800**
Big Horn	117,800	123,100	200	100
Carbon	52,100	52,000	400	400
Park	49,000	47,800	500	400
Stillwater	45,900	46,200	200	200
Sweet Grass	43,300	43,000	100	100
Treasure	28,700	30,800	0	0
Yellowstone	104,300	114,600	1,900	2,100
SOUTH CENTRAL	**441,100**	**457,500**	**3,300**	**3,300**
Carter	54,200	48,000	100	100
Custer	67,800	64,300	100	100
Fallon	37,500	34,500	0	0
Powder River	71,900	65,700	100	100
Prairie	37,500	39,500	0	0
Rosebud	71,400	72,300	100	100
Wibaux	19,300	19,000	200	200
SOUTHEAST	**359,600**	**343,300**	**600**	**600**
MONTANA	**2,450,000**	**2,450,000**	**25,000**	**25,000**

LIVESTOCK: Inventory by Counties, January 1, 1988-1989

COUNTY & DISTRICT	Beef Cows and Heifers That Have Calved		Stock Sheep and Lambs	
	1988	1989	1988	1989
Deer Lodge	5,100	5,200	300	400
Flathead	9,300	9,700	2,000	2,200
Granite	17,700	18,900	1,000	1,000
Lake	28,200	28,700	5,300	5,200
Lincoln	3,100	3,300	100	100
Mineral	600	600	100	100
Missoula	7,200	7,700	1,700	1,800
Powell	27,100	27,200	2,500	2,600
Ravalli	19,800	21,100	6,000	6,200
Sanders	13,600	13,600	1,600	1,500
NORTHWEST	**131,700**	**136,000**	**20,600**	**21,100**
Blaine	42,100	43,400	6,600	7,000
Chouteau	25,000	26,100	1,900	2,200
Glacier	15,600	15,900	3,100	3,300
Hill	14,300	15,600	800	900
Liberty	7,300	8,000	1,000	900
Phillips	41,200	42,500	12,500	12,300
Pondera	13,600	14,600	5,100	6,300
Teton	24,500	25,000	9,600	10,200
Toole	9,900	10,100	1,600	1,700
NORTH CENTRAL	**193,500**	**201,200**	**42,200**	**44,800**
Daniels	8,300	8,900	2,000	2,500
Dawson	20,000	22,800	3,800	3,900
Garfield	28,500	33,200	77,400	79,000
McCone	19,000	20,600	18,200	18,600
Richland	21,500	24,100	6,700	6,800
Roosevelt	12,300	13,600	7,000	6,500
Sheridan	10,400	11,200	5,600	5,200
Valley	37,000	37,000	4,100	4,500
NORTHEAST	**157,000**	**171,400**	**124,800**	**127,000**
Broadwater	14,100	14,700	6,100	5,300
Cascade	37,600	39,500	11,300	11,600
Fergus	58,900	64,300	12,500	12,500
Golden Valley	12,500	12,500	9,100	8,900
Judith Basin	31,600	32,900	11,100	11,600
Lewis & Clark	23,600	23,500	9,200	9,400
Meagher	32,300	32,600	6,200	6,400
Musselshell	17,200	16,900	16,100	16,400
Petroleum	15,600	16,300	5,000	5,100
Wheatland	18,300	18,900	25,400	25,900
CENTRAL	**261,700**	**272,100**	**112,000**	**113,100**
Beaverhead	85,600	87,900	20,600	21,000
Gallatin	26,800	27,400	8,400	8,400
Jefferson	13,900	14,100	1,700	1,900
Madison	57,400	59,100	18,300	17,500
Silver Bow	3,700	4,100	500	500
SOUTHWEST	**187,400**	**192,600**	**49,500**	**49,300**
Big Horn	57,400	59,800	4,100	4,000
Carbon	24,200	25,300	15,600	15,300
Park	30,300	31,100	5,000	4,300
Stillwater	25,000	25,100	14,500	15,600
Sweet Grass	26,400	27,700	23,200	23,000
Treasure	13,600	13,700	1,700	1,600
Yellowstone	28,400	31,000	6,700	7,700
SOUTH CENTRAL	**205,300**	**213,700**	**70,800**	**71,500**
Carter	31,300	29,400	85,100	79,900
Custer	34,100	35,500	12,600	13,900
Fallon	23,000	22,600	7,100	7,500
Powder River	38,600	36,900	21,400	19,200
Prairie	18,300	18,600	4,100	4,500
Rosebud	37,600	39,100	16,700	15,900
Wibaux	10,500	10,900	3,100	2,300
SOUTHEAST	**193,400**	**193,000**	**150,100**	**143,200**
MONTANA	**1,330,000**	**1,380,000**	**570,000**	**570,000**

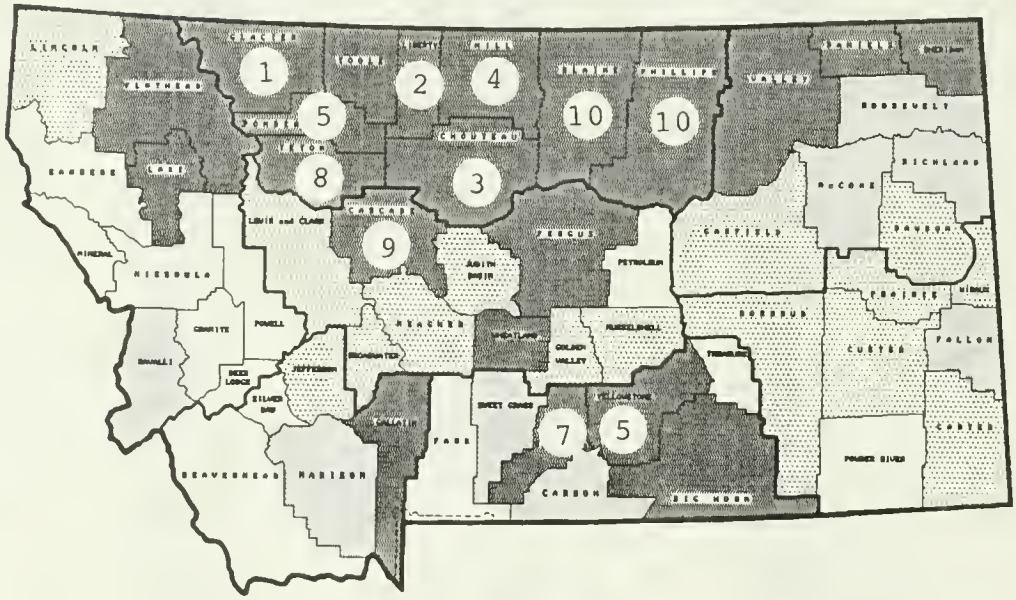
SHEEP and LAMBS
NUMBER OF HEAD JANUARY 1, 1989



Numbers show ranking of top ten.

0-4,999
5,000-9,999
10,000-49,999
50,000-75,100

HOGS and PIGS
NUMBER OF HEAD DECEMBER 1, 1988



Numbers show ranking of top ten.

0-999
1,000-2,999
3,000-4,999
5,000-14,000

LIVESTOCK: Inventory by Counties, December 1, 1987-1988

COUNTY & DISTRICT	Hogs and Pigs		Chickens	
	1987	1988	1987	1988
Deer Lodge	200	200		
Flathead	6,700	6,900		
Granite	500	300		
Lake	5,600	5,500		
Lincoln	1,600	1,700		
Mineral	300	200		
Missoula	300	200		
Powell	600	700		
Ravalli	3,700	3,900		
Sanders	800	800		
NORTHWEST	**20,300**	**20,400**	**110,300**	**91,900**
Blaine	6,800	7,400		
Chouteau	11,400	11,700		
Glacier	12,800	14,100		
Hill	11,000	11,500		
Liberty	11,900	12,900		
Phillips	6,600	7,400		
Pondera	8,300	8,700		
Teton	6,600	7,700		
Toole	5,900	6,500		
NORTH CENTRAL	**81,300**	**87,900**	**192,900**	**180,100**
Daniels	4,900	5,400		
Dawson	2,100	2,200		
Garfield	2,000	1,900		
McCone	2,800	3,100		
Richland	4,600	4,900		
Roosevelt	3,900	4,400		
Sheridan	5,000	5,300		
Valley	6,100	6,200		
NORTHEAST	**31,400**	**33,400**	**16,300**	**14,900**
Broadwater	900	1,100		
Cascade	7,800	7,500		
Fergus	5,800	6,300		
Golden Valley	2,500	2,600		
Judith Basin	1,400	1,600		
Lewis & Clark	2,400	2,500		
Meagher	2,100	2,400		
Musselshell	1,700	1,800		
Petroleum	0	0		
Wheatland	6,400	6,700		
CENTRAL	**31,000**	**32,500**	**231,400**	**225,300**
Beaverhead	500	600		
Gallatin	4,400	5,200		
Jefferson	1,900	1,900		
Madison	3,100	4,000		
Silver Bow	200	200		
SOUTHWEST	**10,100**	**11,900**	**204,500**	**196,900**
Big Horn & Yellowstone	8,200	8,700		
Carbon	3,200	3,800		
Park	500	600		
Stillwater	7,300	8,000		
Sweet Grass	4,700	4,800		
Treasure	200	200		
SOUTH CENTRAL	**24,100**	**26,100**	**201,200**	**168,700**
Carter	1,800	2,100		
Custer	1,300	1,300		
Fallon	3,800	4,100		
Powder River	500	600		
Prairie	1,500	1,600		
Rosebud	1,700	1,800		
Wibaux	1,200	1,300		
SOUTHEAST	**11,800**	**12,800**	**33,400**	**32,200**
MONTANA	**210,000**	**225,000**	**990,000**	**910,000**

AGRICULTURAL EXPORTS

The value of Montana agricultural commodities exported during the year ending September 30, 1989 totaled $299.2 million, down 31 percent from a year earlier. This drop, apparent primarily in the wheat and feed grain categories, reflects the drought conditions of 1988. These two commodities contributed to 86 percent of Montana's exports.

Value of United States agricultural exports for the year ending September 30 totaled $39,651 million, up slightly from the previous year. Wheat and feed grain products accounted for 37 percent of the nation's agricultural exports.

Montana ranked thirteenth in the export of wheat and wheat products among all states in fiscal year 1989, compared with fourth last year. Kansas remained at the top, followed by Washington, Oklahoma, North Dakota and Idaho. California was the top exporting state of all products, followed by Nebraska, Iowa, Kansas and Texas.

The United States exported about 18 percent of its total agricultural production in fiscal year 1989, up slightly from last year and well below the record 24 percent set in fiscal year 1981.

AGRICULTURAL EXPORTS: Montana and U.S., 1987-1989 [1]

COMMODITY	MONTANA			UNITED STATES		
	1987	1988	1989	1987	1988	1989
	--Million Dollars--			--Million Dollars--		
Wheat and Products	189.9	341.8	221.8	3,115.6	4,675.1	6,292.0
Feed Grains and Products	41.9	52.3	36.1	4,662.3	6,228.5	8,345.8
Fruits and Preparations	.4	.6	.6	1,466.2	1,714.1	1,800.3
Vegetables and Preparations	--	--	--	1,175.8	1,280.5	1,545.7
Live Animals and Meat	5.0	7.8	7.9	1,630.2	2,248.6	2,829.8
Hides and Skins	--	--	--	1,665.6	1,836.8	1,713.0
Poultry and Products	--	--	--	594.3	647.4	728.2
Fats, Oils and Greases	--	--	--	416.8	544.6	530.8
Dairy Products	--	--	--	490.6	535.5	474.7
Feeds and Fodders	17.4	15.3	18.5	671.9	874.3	1,061.1
Seeds	1.9	2.1	2.5	371.1	414.7	500.1
Other	7.4	12.0	11.8	11,615.8	14,378.6	13,829.5
ALL COMMODITIES	263.9	431.9	299.2	27,876.2	35,378.7	39,651.0

[1] Fiscal year ending September 30.

SOURCE: Foreign Agricultural Trade of the U.S., March/April 1990.

REPORTS ISSUED and PUBLICATION DATES

REPORT	FREQUENCY	APPROXIMATE DATE OF PUBLICATION [1]
MONTANA REPORTS:		
Crop & Livestock Reporter	Twice Monthly	2nd & 4th Thursdays
Crop-Weather Report	Weekly	Mondays, April-October
Crop-Weather Report	Monthly	10th of Month, November-March
Montana Agricultural Statistics bulletin	Annual	October
NATIONAL REPORTS ON CROPS:		
Crop Forecasts	Monthly	12th of Month
Winter Wheat Seedings	Annual	January 11
Prospective Plantings	Annual	March 29
Annual Crop Summary and Value of Production	Annual	January 11
Cherry Production	Semi-Annually	June forecast, January final
Potato Stocks	Monthly	15th of Month, December-May
Range and Pasture Condition	Monthly	12th of Month, May-November
Stocks of Grains	Quarterly	January, March, June & September
Wheat Movement Summary	Semi-Annually	March & September
Wheat and Barley Varieties	Annual	July 15
NATIONAL REPORTS ON LIVESTOCK, DAIRY, POULTRY and LIVESTOCK PRODUCTION:		
Poultry (Egg Production, Chick and Poult Hatchings)	Quarterly	March, June, September, December
Livestock Slaughter	Monthly	20th of Month
Cattle Inventory and Calf Crop	Semi-Annually	February 1 & July 26
Sheep Inventory and Lamb Crop	Annual	February 1
Wool Crop	Annual	March 22
Hog Inventory and Pig Crop	Quarterly	January, March, June, September
Meat Animals, Marketings and Cash Receipts	Annual	April
Milk Cows and Milk Production	Quarterly	January, April, July & October
NATIONAL PRICE REPORTS:		
Agricultural Prices	Monthly	Last working day of month
NATIONAL MISCELLANEOUS REPORTS:		
Farms and Farm Land	Annual	July 30
Farm Labor (Regional Data Only)	Quarterly	February, May, August, November

[1] Pending program changes may change some publication dates. Statistics in the National program are released in Washington, D.C. and locally according to strict, predetermined dates. Various series are included in the "MONTANA CROP & LIVESTOCK REPORTER" published twice a month.

SUBSCRIPTION INFORMATION:

1. Montana Crop & Livestock Reporter--a semi-monthly publication containing various crop, livestock, price and other farm data. Price: $12.00 for 24 issues.

2. Crop-Weather Report--follows crop progress and livestock situation. Price: $14.00 for 36 issues.

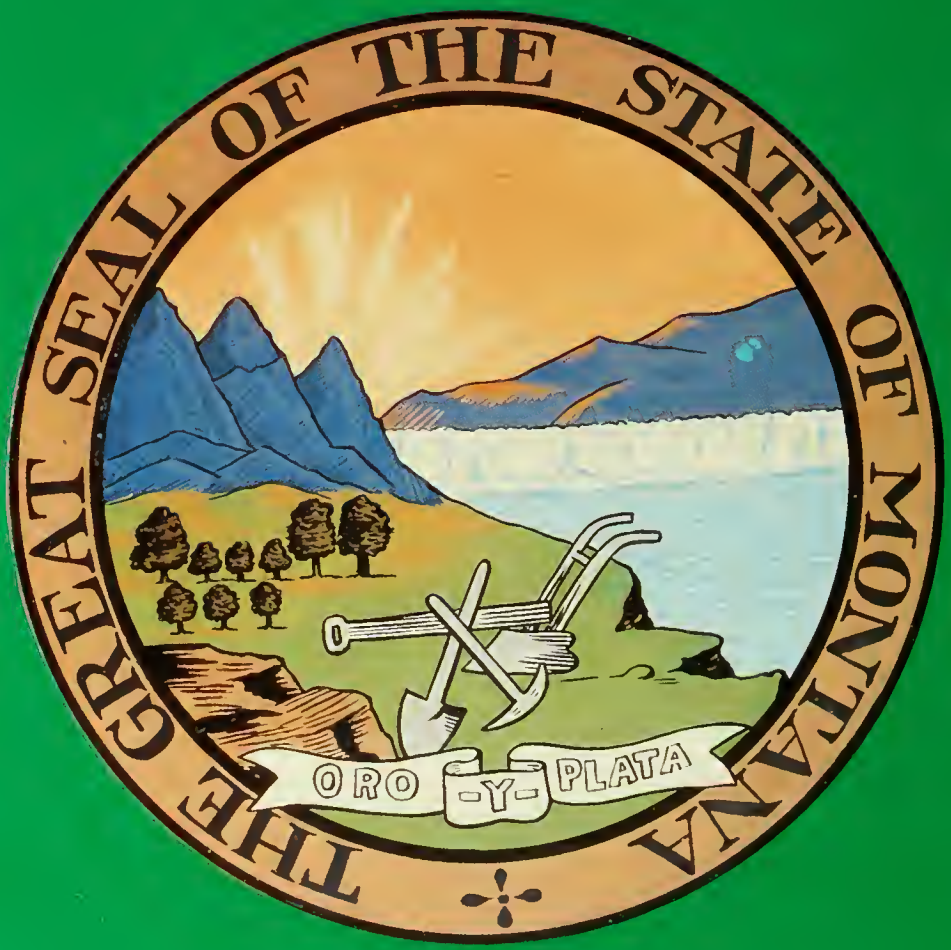
3. Montana Agricultural Statistics Bulletin--Price: $5.00. Those who provide survey information are not charged.

Mailing address:

Montana Agricultural Statistics Service
P.O. Box 4369
Helena, Montana 59604

Office location:

Federal Building
301 South Park, Room 398
Helena, Montana 59624
Phone: (406) 449-5303



4,200 copies of this public document were published at an estimated cost of $1.47 per copy for a total cost of $6,171 which includes $4,671 for printing and $1,500 for distribution.